

U.S. Department  
of Transportation

United States  
Coast Guard



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United States Coast Guard

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COMDTNOTE 5230  
SEP 14, 1988

COMMANDANT NOTICE 5230

CANCELLED MAR 13, 1989

Subj: CH-1 to COMDTINST M5230.18A, Marine Safety Information System Marine  
Pollution Transaction Guide (MSIS-8)

1. PURPOSE. Change 1 to the Marine Pollution Transaction Guide incorporates system changes due to maintenance projects covering mapping values and port codes.
2. SUMMARY OF CHANGES. The changes to this manual are editorial in nature and do not affect the previously established procedures followed in using MSIS.
3. ACTION. Remove and insert the following pages:

Remove

Cover  
i through vii  
3-1 through 3-2  
4-1 through 4-10

Enclosure 1  
Enclosure 2

Insert

Cover  
i through ii, CH-1  
3-1 through 3-2, CH-1  
4-1 through 4-8, CH-1  
7-1 through 7-4, CH-1  
Enclosure 1, CH-1  
Enclosure 2, CH-1

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Acting Chief, Office of Marine Safety,  
Security and Environmental Protection

Encl: (1) CH-1 to COMDTINST M5230.18A

3. b. A pollution incident shall be entered into the system:

- (1) When a report is received for a discharge or potential discharge of oil, hazardous material, or other polluting substance at a location where the Coast Guard is the pre-designated Federal On Scene Coordinator (OSC) under the National Contingency Plan.
  - (2) When Coast Guard forces, whether from an MSO or any other unit, respond to a discharge or potential discharge of oil, hazardous material, or other polluting substance as the OSC or first Federal official on-scene.
  - (3) When Coast Guard forces respond to a discharge or potential discharge of oil, hazardous material, or other polluting substance at the request of EPA or DOD, when those agencies are the pre-designated Federal OSC.
- c. Upon implementation of the MP Product Set, PIRS will be phased out. Also phased out will be the requirement for Districts to submit reports for discharges within the district in the Inland zone where EPA is the Pre-designated Federal OSC, unless Coast Guard forces respond to the discharge.
- d. Detailed MER Program policy guidance on completion of the MP Product Set is included in Appendix D of this Instruction. This guidance is designed to be used in company with the MP Transaction Guide, Enclosure 1.

4. ACTION.

- a. Commanding Officers, Marine Safety Offices and Captains of the Port shall:
- (1) Commence use of the Marine Pollution Product Set effective 1 October 1985.
  - (2) Use the Marine Pollution Product Set to record and report in MSIS all notices received of a discharge or potential discharge of oil, hazardous material, or other polluting substance within their zone.
  - (3) Discontinue use of PIRS (Pollution Incident Report System) for new cases effective 1 October 1985. Open PIRS cases as of that date shall remain in PIRS, and shall be closed out upon completion of the case. All new cases shall be entered into MSIS.

4. a. (4) Use the Marine Pollution Product Set to record and report in MSIS whenever Coast Guard forces respond to a discharge or potential discharge of oil, hazardous material, or other polluting substance, whether at the request of EPA, DOD, or the Coast Guard OSC. This reporting requirement includes response by non-MSO forces, such as Strike Teams, Coast Guard Cutters Air Stations, or other units.
- (5) Use the Marine Violation Report and Recommendation (MVRR) to record basic information about violations initiated as a result of pollution incidents. This information is essential to build comprehensive vessel and Involved Party history files to support later enforcement efforts. Note: Use of MVRR does not replace the use of CG-3639, Water Pollution Violation Report. A CG-3639 is still required to be submitted as detailed in reference (b). Use of the MVRR is covered in COMDTINST M5230.23, Marine Violation Transaction Guide.
- (6) Ensure the accuracy, timeliness, and security of the data entered into MSIS through the use of password controls, physical security, and management review.
- (7) Validate pollution cases in MSIS as soon as practicable after response actions have been completed. Units shall strive to validate cases in MSIS within 14 days after response actions are completed.

b. District commanders shall:

- (1) Provide district policy guidance on the use of MSIS as appropriate and suggest policies which may be applicable Coast Guard wide to the Marine Environmental Response Program Manager.
- (2) Monitor, review, and endorse reports submitted to MSIS to ensure all information has been entered and is correct. Districts shall strive to complete cases within 7 days of validation by the subordinate command.
- (3) Use MVRR/Marine Violation Case Description (MVCD) as necessary to monitor the status of water pollution violation cases.
- (4) Compare information submitted in MSIS with similar data submitted on the PES/MER Quarterly Activities Report (CG4957, RCS-G-WP-1403) by subordinate commands to ensure uniformity on the same measures of activity. Notify Commandant (G-WER) of significant differences, and recommend possible solutions.

COMDTINST M5230.18

4. a. (5) Advise Commandant (G-MP-4) to invalidate specific cases on those occasions where reports have been validated but require subsequent revision.
5. REPORTS AND FORMS.
  - a. Upon deployment of the Marine Pollution Product Set of MSIS, the following PIRS forms/reports for new cases will no longer be required.
    - (1) CG 4890: Coast Guard Pollution Incident Reporting System
    - (2) CG 4890A: PIRS Penalty Action.
  - b. CG 4890B: PIRS Data Verification Form will be used by districts until all open PIRS cases are closed.
  - c. All other reports and forms required by Reference (b) remain in effect.

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Chief, Office of Marine  
Environment and System

Encl: (1) MSIS MP TRANSACTION GUIDE (MSIS-8).

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## I. INTRODUCTION

The Marine Pollution product set "fragment" is designed to support the reporting and investigation of marine pollution cases and also serves as a replacement for the Pollution Incident Reporting System (PIRS). The Marine Pollution products described in this transaction guide are only part of the planned full Marine Pollution product set; thus, the products described here are a first step in providing MSIS support of the marine pollution function.

The deployment of the partial Marine Pollution product set is due to the replacement of the Interim MSIS (IMSIIS). Both pollution and casualty data are needed to support the boarding program (Port Safety) and any subsequent violation processing (Marine Violation). At the same time, the partial Marine Pollution product set is designed to provide support and benefit to both the field and Headquarters for pollution incident activities. Therefore, this partial product set supports both the boarding program and the pollution enforcement and investigation function.

The Marine Pollution fragment contains products that capture significant information about the incident and the investigation case. This includes entering summary-level details of the case, identifying sources of the pollutant (vessels and non-vessels) and entering information on resources expended for both Coast Guard and non-Coast Guard units, ultimately replacing part of the Quarterly Activities Report (QAR) requirements. In retrieval mode, in addition to being able to view all entry products, MSIS creates and maintains several logs and summaries aimed at providing appropriate case management and safety information.

As with all MSIS product sets, the Marine Pollution products function in conjunction with other product sets. Users of the Marine Pollution products can access information about vessels, incidents and involved parties entered by other Coast Guard functions (vessel inspection, port safety, marine casualty, etc.). At the same time, information entered through the Marine Pollution products is available to other Coast Guard functions.

## **II. MSIS DATA CONTROLS AND ACCOUNTING**

### **A. MSIS DATA CONTROLS**

Because MSIS contains an integrated data base, updated by all functions which participate in MSIS, certain controls are imposed on certain data to ensure their correctness. From the standpoint of Marine Pollution, the following data are controlled for vessels:

- (1) Official Number/Primary Vessel Identification Number
- (2) Vessel Name
- (3) Vessel Flag
- (4) Vessel Call Sign
- (5)

When a vessel is recognized by MSIS, the above elements can only be changed via certain transactions which exist outside the Marine Pollution product set.



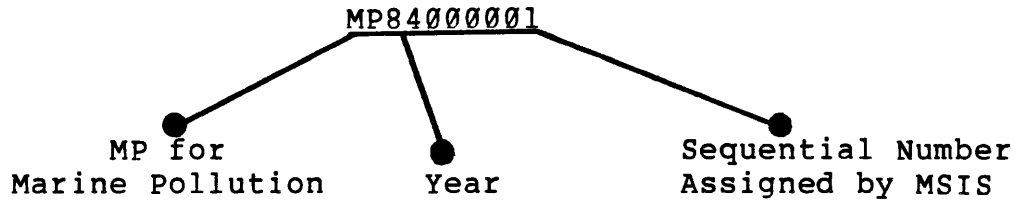
## **B. MSIS ACCOUNTING PROCEDURES**

To delegate control over the data and to properly link Marine Pollution activities to their proper port and vessel, MSIS uses a convention of identification numbers.

### **1. MARINE POLLUTION ACTIVITY CASE CONTROL**

All Marine Pollution activities, i.e., all pollution incidents reported to the Coast Guard whether they occur in or out of the water, require a case report. These cases are identified with a unique number which permits MSIS to appropriately identify a specific case. This number is called a CASE NUMBER and is the predominant requirement for accessing transactions.

## Marine Pollution Activity Case Control



In the above example, the CASE NUMBER represents the first Marine Pollution case in 1984.

All vessel logs, port logs, etc., reference this case number. Case updates can only be performed by the port initially entering the case (although other ports may see it in retrieval mode).

### 2. VESSEL IDENTIFICATION NUMBER

Each vessel defined to MSIS has at least one vessel identification number (VIN) assigned to it. All linkages between activities, ports and vessels are done via the VIN. The VIN is essentially the name by which MSIS recognizes a vessel. A vessel has one "primary" VIN and up to 4 "alternate" VINs. All of these are unique numbers. Access to vessel-specific information can be made with any of these VINs.

Outside of the Documentation Function, vessels may be defined to MSIS by any function as necessary, e.g., Marine Pollution, Vessel Inspection, etc. (See the Vessel File Transaction Guide to see how a vessel is identified to MSIS.) If the user in these other functions allows MSIS to assign the VIN, the number will be of the form:

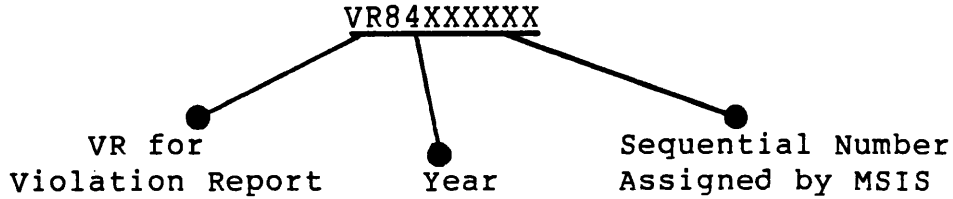
CGXXXXXX

where XXXXXX is a sequential number assigned by MSIS. Other numbers that have some information value may be assigned by the user.

### 3. INVOLVED PARTY IDENTIFICATION

Whenever a person or company is defined initially to MSIS, an identification number is assigned. (See the Party Name Transaction Guide to see how an involved party is identified to MSIS.) This number is called the "Involved Party Number" (IPN) and has the following form:

Involved Party Number

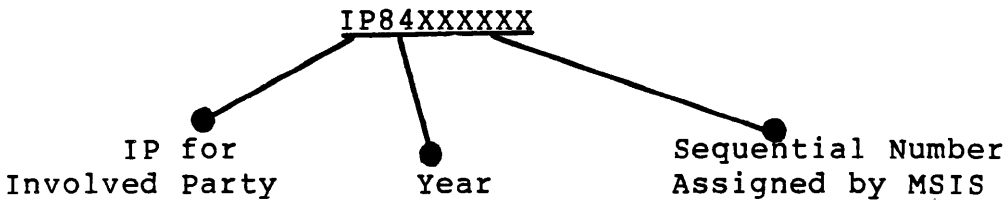


MSIS builds histories of involved parties. Therefore, it is imperative to check and see if the party to be identified for a violation or associated with a vessel, already exists in MSIS. If so, one can simply tell MSIS the current IPN.

### 4. VIOLATION REPORT NUMBER

A Violation Report is developed in MSIS via the Marine Violation Report and Recommendation (MVRR) product and a Violation Report Number is assigned by MSIS. (Violation Reports - Cg3639 - are filed only for cases where an investigation is conducted and a violation is noted. See COMDTINST for details.) This number has the following form:

Violation Report Number

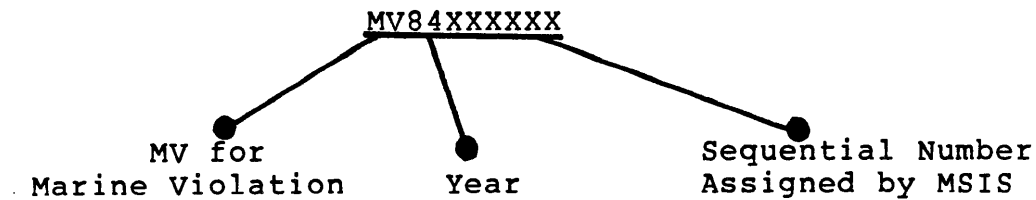


The Violation Report status and report log reference this case number. Case updates can only be performed by the port and district initially developing the case although other ports and districts may see it in retrieval mode.

#### 5. MARINE VIOLATION CASE

A Marine Violation case is developed in MSIS via the Marine Violation Case Description (MVCD) product and a Marine Violation Case Number is assigned by MSIS. This number has the following form:

Marine Violation Case Number



The Marine Violation status at district and district logs reference this case number. Case updates can only be performed by the district initially developing the case although other ports and districts may see it in retrieval mode.

### CHAPTER 3. MARINE POLLUTION PRODUCT SET SUMMARY

- A. General. The Marine Pollution products capture significant information about pollution incidents and pollution cases. This includes information on polluting sources of all types, substances and resources expended on an incident. A summary of the Marine Pollution products is presented below.

B. **Entry and Update Products.** Certain Marine Pollution products are Used for entry and update. The Marine Pollution Entry Index (MPEI) is used to access these products. MPEI and the entry/update products are described below.

- (1) **MPEI**--Marine Pollution Entry Index. MPEI is the master menu used to access all Marine Pollution entry/update products in the Marine Pollution product set.
- (2) **MPIR**--Marine Pollution Incident Report. This product is used to record basic details of the incident and case, including case actions.
- (3) **MPVS**--Marine Pollution Vessel Supplement. MPVS is used to identify vessels as sources of pollution and to indicate involvement, cause and pollutants.
- (4) **MPNS**--Marine Pollution Non-Vessel Source Supplement. MPNS is used to identify non-vessel sources of pollution, and to indicate involvement, cause, and pollutants.
- (5) **MPRC**--Marine Pollution Response Report-Cg Units. MPRC is filed for each OPFAC participating in the pollution case, and records basic resource information.
- (6) **MPRN**--Marine Pollution Response Report-Non-Cg Units. One consolidated MPRN is filed for all non-Coast Guard units participating in the pollution case.
- (7) **MPFI**--Marine Pollution Field Information. MPFI provides a way for Headquarters to supply pollution information to the field offices.

- C. Retrieval Products. Certain Marine Pollution products are used for retrieving information from MSIS. The Marine Pollution Entry Index (MPEI) is also used to access these products. The retrieval products are described below.
- (1) MPSP--Marine Pollution Status at Port. MPSP displays all Marine Pollution cases that a unit is investigating but not yet closed and validated.

3.C. (2) **MPPL**--Marine Pollution Port Log. MPPL displays all  
pollution cases for a unit that have been validated.



#### **IV. MARINE POLLUTION ENTRY AND RETRIEVAL INDEXES**

Marine Pollution products can be accessed to enter and update information. To accomplish this, the Marine Pollution Entry Index (MPEI) is used. MPEI is a menu to access products that permit entry and update of information. MPEI can be accessed from the MSIS Directory.

The Marine Pollution products are accessed to retrieve information through the Marine Pollution Retrieval Index (MPRI). MPRI is a menu that permits selection of products in retrieval mode. MPRI can be accessed from the MSIS Directory.

##### **A. MARINE POLLUTION ENTRY INDEX - MPEI**

###### **1. MPEI PURPOSE AND DESCRIPTION**

Provides a means for selecting Marine Pollution entry and update products.

Figure IV-1 shows MPEI as it appears on the terminal.

###### **2. ACCESSING MPEI**

###### **a. MENU**

MPEI is normally accessed through the MSIS Directory menu.

###### **b. FREE FORM**

MPEI can be accessed through free-form with:

**-MPEI**

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPEI 1- 16 OF 16 MARINE POLLUTION ENTRY INDEX 01JAN85  
  
 --- SUPPLY ALL APPROPRIATE DATA ---  
 POLLUTION CASE NUMBER/ \_\_\_\_\_ VIOLATION REPORT NUMBER/ \_\_\_\_\_  
 LOG CRITERIA: FROM/ \_\_\_\_\_ TO/ \_\_\_\_\_ NITEMS/ \_\_\_\_\_  
 VESSEL NAME/ \_\_\_\_\_ VIN/ \_\_\_\_\_ CALL/ \_\_\_\_\_ FLAG/ \_\_\_\_\_  
  
 --- SUBJECT OF INTEREST --- (SELECT)  
 MARINE POLLUTION INCIDENT REPORT.....(MPIR) 1  
 VESSEL SUPPLEMENT.....(MPVS) 2  
 NON-VESSEL SOURCE SUPPLEMENT.....(MPNS) 3  
 CG RESPONSE REPORT.....(MPRC) 4  
 NON-CG RESPONSE REPORT.....(MPRN) 5  
 MARINE VIOLATION REPORT .....(MVRR) 6  
 PORT LOGS:  
 OPEN POLLUTION CASES FOR PORT.....(MPSP) 7  
 OPEN VIOLATION REPORTS FOR PORT.....(MVRS) 8

FIGURE IV-1. MARINE POLLUTION ENTRY INDEX--BLANK FORM

COMMAND / \_\_\_\_\_ RESPONSE/PLS ENTER YOUR RESPONSE  
MPEI MARINE POLLUTION ENTRY INDEX 08DEC87

CASE/ CN SUBJECT/ LIT PORT/ (1)  
LOG CRITERIA: FROM (SINCE)/ CD TO/ CD

--- SUBJECT ---

INVESTIGATION REPORT.....(MPIR)	1	11
VESSEL SUPPLEMENT.....(MPVS)	2	12
NON-VESSEL SUPPLEMENT.....(MPNS)	3	13
RESPONSE REPORT (CG).....(MPRC)	4	14
RESPONSE REPORT (NON-CG)..(MPRN)	5	15
OPEN CASES.....(MPSP)	6	16
CLOSED CASES.....(MPPL)	*	17
VIOLATIONS.....(MVEI)	8	18
FIELD INFORMATION.....(MPFI)	9	19

--- MODE ---  
ENTRY RTRV

FIGURE 4-1. DATA DEFINITIONS FOR MPEI

**TABLE 4-1. CODE VALUES FOR MPEI**

**(1) PORT CODES**

<u>CODE</u>	<u>EXPLANATION</u>
GMP	CG HEADQUARTERS (G-MP-4)
GMMI	(G-MMI)
GMTH	(G-MTH)
GMVI	(G-MVI)
GMVD	(G-MVD)
GMPS	(G-MPS)
GMER	(G-MER) PA COMMANDER, PACIFIC AREA
NRC	(G-TGC) NSFLT ATLANTIC AREA STRIKE TEAM
GTDS	(G-TDS) NSFPT PACIFIC AREA STRIKE TEAM
GMSC	MARINE SAFETY CENTER
MSS	MARINE SAFETY SCHOOL
01M	COMMANDER, FIRST CG DISTRICT (M)
BOSMS	MSO BOSTON, MA
BOSVD	VESDOC, BOSTON, MA
POMMS	MSO PORTLAND, ME
BAND	MSO BANGOR, ME -
PROMS	MSO PROVIDENCE, RI
CODD	MSO CAPE COD, MA
NYCMI	MIO NEW YORK, NY
NYCVD	VESDOC NEW YORK, NY
NLOD	MIDET NEW LONDON, CT
LISCP	COTP LONG ISLAND SOUND, CT
LISD	PSD NEW LONDON, CT
NYCCP	COTP NEW YORK, NY
02M	COMMANDER, SECOND CG DISTRICT (M)
HUNMS	MSO HUNTINGTON, WV
MARD	MSD MARIETTA, OH
LOUMS	MSO LOUISVILLE, KY
EVND	MSD EVANSVILLE, TN
CIND	MSD CINCINNATI, OH
MEMMS	MSO MEMPHIS, TN
GRND	MSD GREENVILLE, MS
PADMS	MSO PADUCAH, KY
NASD	MSD NASHVILLE, TN
DECD	MSD DECATUR, AL
PITMS	MSO PITTSBURGH, PA
SLMMS	MSO ST. LOUIS, MO
SLMVD	VESDOC ST. LOUIS, MO
PEOD	MSD PEORIA, IL
STPD	MSD MINN./ST. PAUL
DAVD	MSD DAVENPORT, IA

**TABLE 4-1. CODE VALUES FOR MPEI**

**(1) PORT CODES**

<b><u>CODE</u></b>	<b><u>EXPLANATION</u></b>
05M	COMMANDER, FIFTH CG DISTRICT (M)
BALM	MSO BALTIMORE, MD
HMRMS	MSO HAMPTON ROADS, VA
HMRVD	VESDOC HAMPTON ROADS, VA
WNCMS	MSO WILMINGTON, NC
MHCD	MSD MOREHEAD CITY, NC
PHIMS	MSO PHILADELPHIA, PA
PHIVD	VESDOC PHILADELPHIA, PA
PHICP	COTP PHILADELPHIA, PA
07M	COMMANDER, SEVENTH Cg DISTRICT (M)
CHAMS	MSO CHARLESTON, SC
JACMS	MSO JACKSONVILLE, FL
MIAMS	MSO MIAMI, FL
MIAVD	VESDOC MIAMI, FL
KEYD	MSD KEY WEST, FL
SJPMS	MSO SAN JUAN, PR
PTPD	MSD PORT PONCE, PR
STTD	MSD ST. THOMAS, USVI
SAVMS	MSO SAVANNAH, GA
TAMMS	MSO TAMPA, FL
08M	COMMANDER, EIGHTH CG DISTRICT (M)
CORMS	MSO CORPUS CHRISTI, TX
BRND	MSO BROWNSVILLE, TX
GALMS	MSO GALVESTON, TX
MOBMS	MSO MOBILE, AL
PATMS	MSO PORT ARTHUR, TX
LKCD	MSD LAKE CHARLES, LA
HOUMI	MIO HOUSTON, TX
HOUVD	VESDOC HOUSTON, TX
MORMS	MSO MORGAN CITY, LA
HMAD	MSD HOUMA, LA
NEWMS	MSO NEW ORLEANS, LA
EBKD	MIDET EAST BANK, LA
AVND	MIDET AVONDALE
NEWVD	VESDOC NEW ORLEANS, LA
BATD	MSD BATON ROUGE, LA
HOUCP	COTP HOUSTON, TX

**TABLE 4-1. CODE VALUES FOR MPEI**

**(1) PORT CODES**

<b><u>CODE</u></b>	<b><u>EXPLANATION</u></b>
09M	COMMANDER, NINTH CG DISTRICT (M)
CLEVD	VESDOC CLEVELAND, OH
BUFMS	MSO BUFFALO, NY
ALXD	MSD ALEXANDRIA BAY, NY
CHIMS	MSO CHICAGO, IL
CLEMS	MSO CLEVELAND, OH
DETMS	MSO DETROIT, MI
DULMS	MSO DULUTH, MN
MILMS	MSO MILWAUKEE, WI
TOLMS	MSO TOLEDO, OH
SIMMI	MIO ST. IGNACE, MI
STBMI	MIO STURGEON BAY, WI
MUSCP	COTP MUSKEGON, MI
SSMCP	COTP SAULT STE MARIE, MI
11M	COMMANDER, ELEVENTH Cg DISTRICT (M)
LOSMS	MSO LONG BEACH, CA
LOSVD	VESDOC LONG BEACH, CA
SBDC	MSD SANTA BARBARA, CA
SDCMS	MSO SAN DIEGO, CA
SFCMS	MSO SAN FRANCISCO, CA
SFCVD	VESDOC SAN FRANCISCO, CA
COND	MSD CONCORD, CA
13M	COMMANDER, THIRTEENTH CG DISTRICT (M)
PORMS	MSO PORTLAND, OR
PORVD	VESDOC PORTLAND, OR
ASTD	MSD ASTORIA, OR
COOD	MSD COOS BAY, OR
SEAMS	MSO SEATTLE, WA
SEAVD	VESDOC SEATTLE, WA
ANAD	MSD ANACORTES, WA
TACD	MSD TACOMA, WA
14M	COMMANDER, FOURTEENTH CG DISTRICT (M)
HONMS	MSO HONOLULU, HI
HONVD	VESDOC HONOLULU, HI
GUAD	MSD GUAM
17M	COMMANDER, SEVENTEENTH CG DISTRICT (M)
ANCMS	MSO ANCHORAGE, AK
KEND	MSD KENAI, AK
KODD	MSD KODIAK, AK
JUNMS	MSO JUNEAU, AK
JUNVD	VESDOC JUNEAU, AK
KETD	MSD KETCHIKAN, AK
SITD	MSD SITKA, AK
VALMS	MSO VALDEZ, AK

**TABLE 4-1. CODE VALUES FOR MPEI**

The following section of port codes can be used as a Historical Reference. These port codes were implemented at one time, so they can appear in the PORT slot. However, they are not to be used for E(ntry) purposes.

<u>CODE</u>	<u>EXPLANATION</u>
03M	COMMANDER, THIRD CG DISTRICT (M)
12M	COMMANDER, TWELFTH CG DISTRICT (M)
AVND	AVONDALE SHIPYARD
BERD	PSD BERWICK BAY, LA
CINMS	MSO CINCINNATI, OH
GUAMS	MSO GUAM
LOSMI	MIO LONG BEACH, CA
MORD	MIDET MORGAN CITY, LA
NASMS	MSO NASHVILLE, TN
NEWCP	COTP NEW ORLEANS, LA
NEWMI	MIO NEW ORLEANS, LA
NHACP	COTP NEW HAVEN, CT
NLOCP	COTP NEW LONDON, CT
SEAMI	MIO SEATTLE, WA
STBMS	MSO STURGEON BAY, WI
STCD	MSD ST. CROIX, USVI
STPMS	MSO ST. PAUL, MN
PHIMI	MIO PHILADELPHIA, PA
GWP	(G-WP)
GWPE	(G-WPE)

TABLE 4-2. MARINE POLLUTION ENTRY SELECTION CRITERIA

**TABLE 4-2. MARINE POLLUTION ENTRY SELECTION CRITERIA**

SEL	PRODUCT	CASE	SUBJECT	PORT	FROM/TO DATES
1&11	MPIR	R <sup>1</sup>			
2&12	MPVS	R			
3&13	MPNS	R			
4&14	MPRC	R			
5&15	MPRN	R			
6&16	MPSP			R	O
17	MPPL			R	O
8&18	MVEI				
9&19	MPFI <sup>2</sup>				

R = Required      O = Optional

- (1) Initial filing of an incident report requires **"NEW"** in the Case Number slot.
- (2) MPFI requires an access level of 2 and a unit of GWP in entry/update mode. Killing information on MPFI requires an access level of 4 and a unit of GWP.



## **B. MARINE POLLUTION RETRIEVAL INDEX - MPRI**

### **1. MPRI PURPOSE AND DESCRIPTION**

Provides a means for selecting Marine Pollution retrieval products.

Figure IV-3 shows MPRI as it appears on the terminal.

### **2. ACCESSING MPRI**

#### **a. MENU**

MPRI normally is accessed through the MSIS Directory menu.

#### **b. FREE FOPM**

MPRI can be accessed through free-form with:  
**-MPRI**

#### **c. SELECTION FROM OTHER PRODUCTS**

MPRI may be selected from PFEI (Port File Entry Index).

### **3. MPI DATA RETRIEVAL REQUIREMENTS AND EXPLANATION**

The retrieval products in the Marine Pollution product set are accessed through MPRI. The information required to access each product is shown in Table IV-2.

### **4. MPRI DATA DEFINITIONS**

Figure IV-4 shows the data definitions for MPRI. See Appendix A for abbreviation meanings.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRI 1- 26 OF 26 MARINE POLLUTION RETRIEVAL INDEX 01JAN85

--- SUPPLY ALL APPROPRIATE DATA ---  
 POLLUTION CASE/ \_\_\_\_\_ VIOL. REPORT NR/ \_\_\_\_\_ VIOL. CASE/ \_\_\_\_\_  
 PORT/ \_\_\_\_\_ LOG CRITERIA: FROM/ \_\_\_\_\_ TO/ \_\_\_\_\_ NITEMS/ \_\_\_\_\_  
 VESSEL NAME/ \_\_\_\_\_ VIN/ \_\_\_\_\_ CALL/ \_\_\_\_\_ FLAG/ \_\_\_\_\_

--- SUBJECT OF INTEREST --- (SELECT)

MARINE POLLUTION INFORMATION:	
POLLUTION INCIDENT REPORT.....	(MPIR) 1
VESSEL SUPPLEMENT.....	(MPVS) 2
NON-VESSEL SOURCE SUPPLEMENT.....	(MPNS) 3
CG RESPONSE REPORT.....	(MPCR) 4
NON-CG RESPONSE REPORT.....	(MPRN) 5
MARINE VIOLATION INFORMATION:	
VIOLATION REPORT AND RECOMMENDATION.....	(MVRR) 6
VIOLATION CASE DESCRIPTION.....	(MVCD) 7
PORT LOGS:	
OPEN POLLUTION CASES FOR PORT.....	(MPSP) 8
CLOSED POLLUTION CASES FOR PORT.....	(MPPL) 9
OPEN VIOLATION REPORTS FOR PORT.....	(MVRS) 10
CLOSED VIOLATION REPORTS FOR PORT.....	(MVRL) 11
VESSEL LOGS:	
VESSEL POLLUTION LOG.....	(VFMP) 12
VESSEL VIOLATION LOG.....	(VFVL) 13
VESSEL DESCRIPTIVE INFORMATION.....	(VFRI) 14

FIGURE IV-3. MARINE POLLUTION RETRIEVAL INDEX--BLANK FORM

TABLE IV-2. MARINE POLLUTION RETRIEVAL INDEX--

## SELECTION CRITERIA

TABLE IV-2. MARINE POLLUTION RETRIEVAL INDEX--  
SELECTION CRITERIA

SEL KEY	PRODUCT	PORT	POLLUT CASE	VIOL REPT NO	VIOL CASE	VIN or CALL	NITEMS	FROM	TO
1	MPIF		R						
2	MPVS		R						
3	MPNS		R						
4	MPRC		R						
5	MPRN		R						
6	MVRR			R					
7	MVCD				R				
8	MPSP	R					O	O	O
9	MPPL	R					O	O	O
10	MVRS	R						O	O
11	MVRL	R						O	O
12	VFMP					R(1)		O	
13	VFVL					R(1)	O	O	O
14	VFRI					R(1)			

R = Required      O = Optional

1. VFRI, VFMP and VFVL can be accessed with a VIN or CALL.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRI 1- 26 OF 26 MARINE POLLUTION, RETRIEVAL INDEX 01JAN85

--- SUPPLY ALL APPROPRIATE DATA ---  
 POLLUTION CASE/ CN VIOL. REPORT NR/ CN VIOL. CASE/ CN  
 PORT/ UNIT@ LOG CRITERIA: FROM/ CD # TO/ CD # NITEMS/ I  
 VESSEL NAME/ VIN/ VIN CALL/ LIT FLAG/

--- SUBJECT OF INTEREST --- (SELECT)

MARINE POLLUTION INFORMATION:	
POLLUTION INCIDENT REPORT.....	(MPIR) 1
VESSEL SUPPLEMENT.....	(MPVS) 2
NON-VESSEL SOURCE SUPPLEMENT.....	(MPNS) 3
CG RESPONSE REPORT.....	(MPRC) 4
NON-CG RESPONSE REPORT.....	(MPRN) 5
MARINE VIOLATION INFORMATION:	
VIOLATION REPORT AND RECOMMENDATION.....	(MVRR) 6
VIOLATION CASE DESCRIPTION.....	(MVCD) 7
PORT LOGS:	
OPEN POLLUTION CASES FOR PORT.....	(MPSP) 8
CLOSED POLLUTION CASES FOR PORT.....	(MPPL) 9
OPEN VIOLATION REPORTS FOR PORT.....	(MVRS) 10
CLOSED VIOLATION REPORTS FOR PORT.....	(MVRL) 11
VESSEL LOGS:	
VESSEL POLLUTION LOG.....	(VFMP) 12
VESSEL VIOLATION LOG.....	(VFVL) 13
VESSEL DESCRIPTIVE INFORMATION.....	(VFRI) 14

@ See Appendix B for acceptable unit codes.  
 # FROM date must not be later than TO date.

FIGURE IV-4. DATA DEFINITIONS FOR MPRI

## 5. MPRI USES

The use of MPRI is illustrated in the example sequence for VFMP.

## **V. POLLUTION INCIDENT REPORT**

The Marine Pollution products discussed in this section deal with opening and filing a pollution incident case through MSIS. Note that these products are not designed to replace the entire case file. Rather, they are a beginning at automating the case file.

There are five products used to report significant information on the incident and case:

- Marine Pollution Incident Report (MPIR).
- Marine Pollution Vessel Supplement (MPVS).
- Marine Pollution Non-Vessel Source Supplement (MPNS).
- Marine Pollution Coast Guard Response Report (MPRC).
- Marine Pollution Non-Coast Guard Response Report (MPRN).

An MPIR and an MPRC are always required. At least one MPVS or MPNS is required.

### **A. MARINE POLLUTION INCIDENT REPORT - MPIR**

#### **1. MPIR PURPOSE AND DESCRIPTION**

Assigns the MSIS Marine Pollution case number.  
Provides for the entry of basic case description information.

Provides a mechanism for recording case actions.

Provides, when appropriate, for recording Federal cost information.

Is required for every case.

Figure V-1 shows MPIR as it appears on the terminal.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPIR 1- 32 OF 32 MARINE POLLUTION INCIDENT REPORT 01JAN85

CASE NUMBER../ MP85000001 PORT/ BCL OSC AGENCY/ \_\_\_\_\_ EPA REGION.... / \_\_\_\_\_  
 DATE CLOSED../ \_\_\_\_\_ VALIDATED(X)/ \_\_\_\_\_ CTF/ \_\_\_\_\_ INV/ \_\_\_\_\_ NOTIFY../ \_\_\_\_\_

SUBJECT/ \_\_\_\_\_  
 REPORTED BY../ \_\_\_\_\_ NAME/ \_\_\_\_\_ PHONE/ \_\_\_\_\_  
 DATE REPORTED/ \_\_\_\_\_ TIME REPORTED/ \_\_\_\_\_  
 DATE OF SPILL/ \_\_\_\_\_ TIME OF SPILL/ \_\_\_\_\_ CASUALTY CASE REF/ \_\_\_\_\_

---INCIDENT LOCATION---

BODY OF WATER/ \_\_\_\_\_  
 RIVER MILE.../ \_\_\_\_\_ (OR) LATITUDE...../ \_\_\_\_\_  
 LONGITUDE...../ \_\_\_\_\_  
 CITY...../ \_\_\_\_\_ STATE...../ \_\_\_\_\_  
 CLEAN UP ACT./ \_\_\_\_\_ REMOVAL PARTY/ \_\_\_\_\_

---FEDERAL COST INFORMATION---

PROJECT NUMBER./ \_\_\_\_\_ PROJECT TYPE/ \_\_\_\_\_  
 AUTH CEILING(\$)/ \_\_\_\_\_ FUNDS EXPENDED(\$)/ \_\_\_\_\_ TOT COST(\$)/ \_\_\_\_\_

---GENERAL CASE DESCRIPTION---

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

---SUPPLEMENTAL DETAILS REPORTED---

KEY	TYPE	NUMBER
1	VESSEL SOURCES.....(MPVS)	_____
2	NON-VESSEL SOURCES.....(MPNS)	_____
3	CG UNIT RESPONSE REPORTS (MPRC)	_____
4	NON-CG RESPONSE REPORTS (MPRN)	_____

FIGURE V-1. MARINE POLLUTION INCIDENT REPORT--BLANK FORM

## 2. ACCESSING MPIR

### a. MENU

MPIR is normally accessed through MPEI in entry mode and MPRI in retrieval mode. Please note that the initial filing of an incident report requires

"NEW" in the case number slot on MPEI.

### b. FREE FORM

MPIR can be accessed through free-form with:

**-MPIR,E,CASE=NEW**

where:

E = entry mode

EXAMPLE:

**-MPIR,E,CASE=NEW**

or

**-MPIR,U or R,CASE=<CASE>**

where:

U = update mode

R = retrieval mode

CASE = MSIS case number

EXAMPLE:

**-MPIR,U,CASE=MP849123**

### c. SELECTION FROM OTHER PRODUCTS

MPIR can be accessed from MPSP, MPPL, and VFMP.



### 3. MPIR DATA ENTRY REQUIREMENTS AND EXPLANATION

In entry mode, MPIR is used to record incident and case information known at that time. At this point all data slots, with the exceptions noted below, are open for data entry. The exceptions are:

CASE NUMBER - assigned by MSIS. Slot is always "locked".

PORT - unit filing report. MSIS fills in the user's port code. Slot is always "locked".

DATE CLOSED AND VALIDATED (initial case entry).

CTF - Closed to File. This function is not implemented currently. Slot is "locked".

PROJECT TYPE - MSIS determines project type from the entered PROJECT NUMBER.

The user indicates, as an estimate, on MPIR - under SUPPLEMENTAL DETAILS REPORTED - the number and type of source supplements and response reports expected to be filed with the case. These are initial estimates; the user may file as many of each as necessary. Once the supplements and/or reports are filed, MSIS inserts the actual number of each on MPIR and the corresponding slots are locked. Note that at least one MPRC and at least one MPVS or MPNS must be filed for each incident.

For initial data entry, the following data must be entered:

SUBJECT  
REPORTED BY  
NAME  
DATE REPORTED  
TIME REPORTED  
DATE/TIME INDICATOR

DATE OF SPILL and TIME OF SPILL - under certain conditions (if the DATE/TIME INDICATOR is "K" or "E" these are required; if the INDICATOR is "U" DATE and TIME OF SPILL are not required.)

If the OSC AGENCY entered is "EPA", then the EPA REGION must be entered.

If there is a Marine Casualty Case Number associated with the Marine Pollution case, it should be entered in the CASUALTY CASE REF slot.

The NOTIFY slot may be used to notify another Coast Guard unit (or units) of this MPIR filing. Entering another unit's Port Code in the NOTIFY slot generates an entry on that unit's Morning Report. (See Appendix B for list of port codes.)

The SUBJECT slot permits the user to enter a descriptive title relating to the incident being reported. It is a non-edited, literal field that is to be completed at the time of initial entry.

The GENERAL CASE DESCRIPTION paragraph is used to include incident information that is not covered elsewhere on MPIR. It is a non-edited, narrative field containing a total of 4 lines.

In update mode, all data slots, except CASE NUMBER, UNIT, PROJECT TYPE and the number of supplements and reports (if filed), can be changed or filled in. Thust information can be filled in as the case progresses.

Marine Pollution incident cases are closed and "validated" through MPIR. In effect, a case is closed in MSIS by validating that case. Thus, a case should be validated only when the case is complete and ready for closure by the unit. Closing the incident investigation case is independent of any violation processing, except that an MPIR must be validated before an MVRP is filed. In fact, the validation of an MPIR with a penalty action

indicated on an "attached" supplement will cause MSIS to assign a Violation Report number for the filing of an MVR. The VR number is displayed to the user at the time of MPIR validation.

Validating the case invokes special data edits that ensure all required data and data relationships exist on MPIR. The data elements required for validation other than those already discussed are:

OSC AGENCY  
CLEAN-UP STATUS  
REMOVAL PARTY  
DATE CLOSED  
WATER BODY  
"X" in VALIDATION slot

Other data slots are required depending on the value of key fields:

CITY/STATE is required if WATER BODY is a non-water code or non-navigable and LONGITUDE/ LATITUDE are not entered.

LONGITUDE/LATITUDE are required if CITY/STATE is not present and WATER BODY code is non-water or non-navigable. (Although COMDTINST requires this information for every incident.)

Either LONGITUDE/LATITUDE or RIVER MILE are required if WATER BODY is other than non-water or non-navigable.

PROJECT NUMBER is required if any cost data is entered.

For cost information, FUNDS EXPENDED must be less than or equal to AUTH CEILING, and FUNDS EXPENDED must be less than TOT COSTS. (TC>FE<AC) Costs are entered to the nearest whole dollar.

When validating, MPIR also checks to see that all associated supplements (MPVS and MPNS) and response reports (MPRC and MPRN) have been verified. If they have not, a message to that effect is displayed and the

unverified supplements are made available. After verifying the supplements, MPIR is displayed for validation. Also at this time, MPIR checks to insure that all required supplements have been filed.

#### 4. MPIR DATA DEFINITIONS

Figure V-2 shows the data definitions for MPIR. See Appendix A for the abbreviation meanings.

Table V-1 shows the code values for MPIR.

#### 5. MPIR USES

The uses of MPIR are illustrated in the following example sequences: Filing a New Marine Pollution Incident Report, Correcting/Adding to an Existing Marine Pollution Incident Report, and Validating the Marine Pollution Incident Report.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPIR 1- 32 OF 32 MARINE POLLUTION INCIDENT REPORT 01JAN85

CASE NUMBER../ MP85000001 PORT/ BCL OSC AGENCY/ (1)\*\* EPA REGION../ (2)  
 DATE CLOSED../ CD \*\* VALIDATED(X)/ X CTF/ INV/ LIT NOTIFY../ UNITE UNITE

SUBJECT/ LIT \*  
 REPORTED BY../ (3) \* NAME/ LIT \* PHONE/ LIT  
 DATE REPORTED/ CD \* TIME REPORTED/ MT \*  
 DATE OF SPILL/ CD (4) TIME OF SPILL/ MT CASUALTY CASE REF/ CN

---INCIDENT LOCATION---

BODY OF WATER/ (5) \*\*  
 RIVER MILE../ I .I (OR) LATITUDE../ (6) I -I .I  
 LONGITUDE../ (7) I -I .I  
 CITY..... / LIT STATE..... / (8)  
 CLEAN UP ACT./ (9) \*\* REMOVAL PARTY/ (10) \*\*

---FEDERAL COST INFORMATION---

PROJECT NUMBER./ LIT PROJECT TYPE/  
 AUTH CEILING(\$)/ I FUNDS EXPENDED(\$)/ I TOT COST(\$)/ I

---GENERAL CASE DESCRIPTION---

NARR

---SUPPLEMENTAL DETAILS REPORTED---

KEY	TYPE	NUMBER
1	VESSEL SOURCES.....(MPVS)	I
2	NON-VESSEL SOURCES.....(MPNS)	I
3	CG UNIT RESPONSE REPORTS (MPRC)	I
4	NON-CG RESPONSE REPORTS (MPRN)	I

- \* Field must be filled in on initial entry.
- \*\* Field must be filled in before validation.
- @ See Appendix B for acceptable unit codes.

Numbers in fields correspond to numbers on the lists of available codes that follow.

FIGURE V-2. DATA DEFINITIONS FOR MPIR

**TABLE V-1. CODE VALUES FOR MPIR**

**(1) OSC AGENCY**

USCG	UNITED STATES	COAST GUARD
DOD	DEPARTMENT OF	DEFENSE
EPA	ENVIRONMENTAL	PROTECTION AGENCY

**(2) EPA REGION**

01	02	03	04
05	06	07	08
09	10	11	12

**(3) REPORTED BY**

RP	RESP PARTY	CG	USCG
OF	FEDERAL, NEC*	SA	STATE AGENCY
LA	LOCAL AGENCY	CS	COMM. SOURCE
PI	INDIVIDUAL	UN	UNKNOWN
NC	PARTY, NEC*		

**(4) SPILL DATE/TIME INDICATOR**

K	KNOWN
E	ESTIMATED
U	UNKNOWN

\* NEC - Not elsewhere classified - i.e., none of the above.

**TABLE V-1. CODE VALUES FOR MPIR**

(Continued)

**(5) WATERBODY CODES**

The Body of Water codes have the following meaning by column:

Col 1	Col 2	Col 3	Col 4 & 5
A - Atlantic Ocean	I - Internal/hdlnds	B - Bays&Sounds	Specific code
P - Pacific Ocean	C - Coastal(0-3 mi.)	H - Harbors	for each body
G - Gulf of Mexico	Y - Contiguous Zone	L - Lakes	of water.
F - Fgn internal	(3-12 mi.)	R - Rivers	One or two
L - Great Lakes	Z - Ocean (12-200 mi.)	X - Gen'l/Other	letters used.
x - Other	0 - Ocean General	N - North	
	X - Gen'l/Other	S - South	
GIRAA	ALABAMA RIVER	XIRAL	ALLEGHENY RIVER
FZXA	ARCTIC OCEAN 12-200 MILES	FCXA	ARCTIC OCEAN COASTAL
FYXA	ARCTIC OCEAN CONTIGUOUS ZONE	FOXA	ARCTIC OCEAN
XIRAR	ARKANSAS RIVER	XIRAT	ARTHUR KILL
GIRAC	ATCHAFALAYA RIVER	AIHB	BALTIMORE HARBOR
GIBB	BARATARIA BAY	GIBL	BAYOU LAFOUCHE
XZXE	BEAUFORT SEA 12-200 MILES	XCXE	BEAUFORT SEA COASTAL
XYXE	BEAUFORT SEA CONTIGUOUS ZN	XOXE	BEAUFORT SEA
XXXB	BERING SEA	XZXB	BEARING STRAITS 12-200 MILES
XCXB	BERING STRAITS COASTAL	XYXB	BERING STRAITS CONTIGUOUS ZN
XOXB	BERING STRAITS	GIGE	BERWICK BAY
XIRBS	BIG SANDY RIVER	XIRBW	BLACK WARRIOR RIVER
AOBB	BLOCK ISLAND SOUND	AIHBO	BOSTON HARBOR
XOBB	BRISTOL BAY	XIRBU	BUFFALO IVR
AIBB	BUZZARDS BAY	AIBZ	CAPE COD BAY
AIXCC	CAPE COD CANAL	AIRCF	CAPE FEAR RIVER
XXXC	CARIBBEAN SEA	AIBC	CASCO BAY
AIHC	CHARLESTON HARBOR	PIRC	CHATHAM STRAIT
AIXCD	CHESAPEAKE & DELAWARE CANAL	AIBCH	CHESAPEAKE BAY
XIRCC	CHICAGO SHIP CANAL	XZXC	CHUKCHI SEA 12-200 MILES
XCXC	CHUCKKI SEA COASTAL	XYXC	CHUKCHI SEA CONTIGUOUS ZONE
XOXC	CHUKCHI SEA	PIRA	CLARENCE STRAIT
XIRCL	LINCH RIVER	PIRCM	COLUMBIA RIVER
AIRCO	CONNECTICUT RIVER	GIRR	CORPUS CHRISTI SHP CHNL & HBR
XIRCB	CUMBERLAND RIVER	GIRCY	CUYAHOGA RIVER
AIBDE	DELAWARE BAY	AIRD	DELAWARE RIVER
XIRDT	DETROIT RIVER	PZXD	DIXON ENTRANCE 12-200 MILES
PCXD	DIXON ENTRANCE COASTAL	PYXD	DIXON ENTRANCE CONTIGUOUS ZN
POXD	DIXON ENTRANCE	AIRE	EAST RIVER
AIREL	ELIZABETH RIVER	PIRF	FREDERICK SOUND
GIBC	GALVESTON BAY	PIHG	GRAY'S HARBOR
XIRGR	GREEN RIVER	GIRG	GULF OUTLET-MISSISSIPPI RIVER

**TABLE V-1. CODE VALUES FOR MPIR**

(Continued)

**(5) WATERBODY CODES (Continued)**

GZX	GULF OF MEXICO12-200 MILES	GCX	GULF OF MEXICOCOASTAL
GYX	GULF OF MEXICOCONTIGUOUS ZN	GOX	GULF OF MEXICO
PIHH	HONOLULU HARBOR	GIROU	HOUMA CHANNEL
GIRCH	HOUSTON SHIPCHANNEL	AIRHU	HUDSON RIVER(BATTERY-41 00N)
AIRN	HUDSON RIVER(N OF 41 00 N)	XIRIL	ILLINOIS RIVER
FOXI	INDIAN OCEAN	AIXI	INTERCOASTAL WTRWY-ATLANTIC
GIXI	INTFRCOASTALWTRWY-GULF	AIRJA	JAMES RV(INC NORFOLK/NWPT NS)
XIRKN	KANAWHA RIVER	XIRKY	KENTUCKY RIVER
AIRKK	KILL VAN KULL	AILK	KRAUSE LAGOON (ST. CROIX)
LXLE	LAKE ERIE	LXLH	LAKE HURON
LXLM	LAKE MICHIGAN	LXLO	LAKE ONTARIO
GILP	LAKE PONTCHARTRAIN	LILS	LAKE ST. CLAIR
LXLS	LAKE SUPERIOR	LXLU	LAKE WHSNGTN SC/LAKE UNION
AIBL	LIMETREE BAY (ST.CROIX)	AIBI	LONG ISLAND SOUND
XIRL	LOWER MISSISSIPPIRIVER	PIXL	LYNN CANAL
AOBM	MASSACHUSETTS BAY	XIRMU	MAUMEE RIVER
XXXM	MEDITERRANEAN SEA	XIRMI	MIAMI RIVER
XIRMW	MILWAUKEE RIVER	XIRMN	MINNESOTA RIVER
GOBM	MISSISSIPPI SOUND	XIRMO	MISSOURI RIVER
GIBM	MOBILE BAY	GIRM	MOBILE RIVER
XIRMH	MONONGAHELA RIVER	AIBM	MUSCONGUS BAY
AOBN	NANTUCKET SOUND	AIBN	NARRAGANSETT BAY
AIHN	NEW LONDON HARBOR	AIBNL	NEW YORK HARBOR LOWER BAY
AUBNU	NEW YORK HARBOR UPPER BAY	AIBNB	NEWARK BAY-HKNSK 7 PASSAIC R
AZN	NORTH ATLANTIC OCEAN 12-200MI	ACN	NORTH ATLANTIC OCEAN COASTAL
AYN	NORTH ATLANTIC OCN CONTIG ZN	AON	NORTH ATLANTIC OCEAN
PZN	NORTH PACIFIC OCEAN 12-200 MI	PCN	NORTH PACIFIC OCEAN COASTAL
PYN	NORTH PACIFIC OCEAN CONTIG ZN	PON	NORTH PACIFIC OCEAN
XOBN	NORTON SOUND	XIROH	OHIO RIVER
FIXP	PANAMA CANAL	GIRP	PASS A LOURE
XIRPS	PASSAIC RIVER	XIRPT	PATASCHO RIVER
PIHP	PEARL HARBOR	AIBP	PENOBSCOT BAY
BIBP	PENSACOLA BAY	AIRPA	PISCATAQUA RIVER
AIHP	PONCE HBR(BAHIA DE PONCE, SJ)	GIRZ	PORT ALLEN ROUTE
AIHK	PORT CANAVERAL	AIHE	PORT EVERGLADES
AIHJ	PORT OF JACKSONVILLE	PIHL	PORT OF LA/LB
AIHM	PORT OF MIAMI	AIHPR	PORTLAND HARBOR/RIVER
AIRPO	POTOMAC RIVER	PIBW	PRINCE WILLIAM SOUND
PIBP	PUGET SOUND	XIRRT	RARATAN RIVER
XIRPU	ROUGE RIVER	GIRB	SABINE/NECHES RIVER
PIRSA	SACRAMENTO RIVER	XIRS	SAGINAW RIVER
PIHS	SAN DIEGO HARBOR	PIBS	SAN FRANCISCO BAY
AIHJ	SAN JUAN HBR(BAHIA DE SN JN)	PIBSP	SAN PEDRO BAY
AIRSV	SAVANNAH RIVER	XIRSK	SCHUYLKILL RIVER
XIRSS	SINSLAW RIVER	POBS	SITKA SOUND
PIRSN	SNAKE RIVER	AZS	SOUTH ATLANTIC OCEAN 12-200MI
ACS	SOUTH ATLANTIC OCEAN COASTAL	AYE	SOUTH ATLANTIC OCN CONTIG ZN



**TABLE V-1. CODE VALUES FOR MPIR**

(Continued)

**(5) WATERBODY CODES (Continued)**

AOST	SOUTH ATLANTIC OCEAN	PZSSOUTH	PACIFIC OCEAN 12-200 MI
PC	SOUTH PACIFIC OCEAN COASTAL	PYSSOUTH	PACIFIC OCEAN CONTIG ZN
POS	SOUTH PACIFIC OCEAN	GIRHSOUTH	PASS-AHP TO GOM
GIRSO	SOUTHWEST PASS-AHP TO GOM	XIRSC	ST.CLAIR RIVER
XIRCR	ST. CROIX RIVER	AIRJ	ST.JOHNS RIVER
XIRSL	ST. LAWRENCE RIVER	XIRMA	ST.MARYS RIVER (MICH)
AIHT	ST. THOMAS RIVER	PIRST	STEPHENS PASSAGE
PIXJ	STRAIT OF JUAN DE FUCA	FIXS	SUEZ CANAL
AIBT	TAMPA BAY	XIRTN	TENNESSEE RIVER
GIBT	TIMBALIER BAY	GIRT	TOMBIGBEE RIVER
XIRUM	UPPER MISSISSIPPI RIVER	GIBV	VERMILLION BAY
AIBV	VINEYARD SOUND	XIRW	WEILAND CANAL
P!RWL	WILLAMETTE RIVER	XIRYK	YORK RIVER
XIRYU	YUKON RIVER	GIRMA	ST. MARYS RIVER (FLA)
XXXNW	NAVIGABLE WATERS NEC	XXXNN	NON NAVIGABLE WATERS NEC
XXX	NON WATERBODY	FXX	NOT SPECIFIED FOREIGN

**(6) LATITUDE INDICATOR**

N	NORTH
S	SOUTH

**(7) LONGITUDE INDICATOR**

E	EAST
W	WEST

**TABLE V-1. CODE VALUES FOR MPIR**

(Continued)

**(8) STATE AND TERRITORIAL CODES**

AL	ALABAMA	KY	KENTUCKY	OK	OKLAHOMA
AK	ALASKA	LA	LOUISIANA	OR	OREGON
AZ	ARIZONA	ME	MAINE	PA	PENNSYLVANIA
AR	ARKANSAS	MD	MARYLAND	PR	PUERTO RICO
CA	CALIFORNIA	MA	MASSACHUSETTS	RI	RHODE ISLAND
CO	COLORADO	MI	MICHIGAN	SC	SOUTH CAROLINA
CT	CONNECTICUT	MN	MINNESOTA	SD	SOUTH DAKOTA
CZ	CANAL ZONE	MS	MISSISSIPPI	TN	TENNESSEE
DE	DELAWARE	MO	MISSOURI	TX	TEXAS
DC	DIST. COLUMBIA	MT	MONTANA	UT	UTAH
FL	FLORIDA	NE	NEBRASKA	VT	VERMONT
GA	GEORGIA	NV	NEVADA	VA	VIRGINIA
GU	GUAM	NH	NEW HAMPSHIRE	VI	VIRGIN ISLANDS
HI	HAWAII	NJ	NEW JERSEY	WA	WASHINGTON
ID	IDAHO	NM	NEW MEXICO	WV	WEST VIRGINIA
IL	ILLINOIS	NY	NEW YORK	WI	WISCONSIN
IN	INDIANA	NC	NORTH CAROLINA	WY	WYOMING
IA	IOWA	ND	NORTH DAKOTA		
KS	KANSAS	OH	OHIO		

**(9) CLEAN-UP ACTION**

CD	CLEAN-UP PERF.	DI	DISSIPATED
PO	POTENTIAL ONLY	IN	INACCESSIBLE
NL	NO THREAT-LOC.	NS	NO THREAT-SIZE
NR	NON-REMOVABLE	NC	NEC

**(10) REMOVAL PARTY**

RPF	RESP PARTY	FGF	FED GOV'T
SGS	STATE GOV'T	LOC	LOCAL GOV'T
NON	NO REMOVAL	NEC	PARTY NEC

MPIR	Entry	Filing A New Marine Pollution Incident Report
------	-------	---

### STEP 1

- Enter "New" as the Marine Pollution Case Number

- COMMAND:SEL,1

SEND

COMMAND/ SEL,1		RESPONSE/ PLS ENTER YOUR RESPONSE	
MPEI 1- 16 OF 16		MARINE POLLUTION ENTRY INDEX 01JAN85	
--- SUPPLY ALL APPROPRIATE DATA ---			
POLLUTION CASE NUMBER/ NEW	VIOLATION REPORT NUMBER/		
LOG CRITERIA: FROM/	TO/	NITEMS/	
VESSEL NAME/	VIN/	CALL/	FLAG/
--- SUBJECT OF INTEREST --- (SELECT)			
MARINE POLLUTION INCIDENT REPORT.....(MPRI)	1		
VESSEL SUPPLEMENT.....(MPVS)	2		
NON-VESSEL SOURCE SUPPLEMENT.....(MPNS)	3		
CG RESPONSE REPORT.....(MPRC)	4		
NON-CG RESPONSE REPORT.....(MPRN)	5		
MARINE VIOLATION REPORT.....(MVRR)	6		
PORT LOGS:			
OPEN POLLUTION CASES FOR PORT.....(MPSP)	7		
OPEN VIOLATION REPORTS FOR PORT.....(MVRS)	8		

### STEP 2

- MSIS responds with a blank form for the Incident Report

- Note that MSIS supplies a Marine Pollution Case Number

COMMAND/		RESPONSE/ PLS ENTER YOUR RESPONSE	
MPIP 1- 32 OF 32		MARINE POLLUTION INCIDENT REPORT 01JAN85	
CASE NUMBER.../ MP85008#01	PORT/ BCL	OSC AGENCY/	EPA REGION.../
DATE CLOSED.../	VALIDATED(X)/	CTF/ INV/	NOTIFY.../
SUBJECT/			
REPORTED BY.../	NAME/	PHONE/	
DATE REPORTED.../	TIME REPORTED.../		
DATE OF SPILL.../	TIME OF SPILL.../	CASUALTY CASE REF/	
---INCIDENT LOCATION---			
BODY OF WATER/	(OR)	LATITUDE...../	
RIVER MILE.../		LONGITUDE...../	
CITY...../		STATE...../	
CLFAN UP ACT./		REMOVAL PARTY/	
---FEDERAL COST INFORMATION---			
PROJECT NUMBER.../	PROJECT TYPE/		
AUTH CEILING(S)/	FUNDS EXPENDED(S)/	TOT COST(S)/	
---GENERAL CASE DESCRIPTION---			
---SUPPLEMENTAL DETAILS REPORTED---			
KEY	TYPE	NUMBER	
1	VESSEL SOURCES.....(MPVS)	---	
2	NON-VESSEL SOURCES.....(MPNS)	---	
3	CG UNIT RESPONSE REPORTS (MPRC)	---	
4	NON-CG RESPONSE REPORTS (MPRN)	---	

MPIR      Entry      Filing A New Marine Pollution Incident Report

### STEP 3

- Enter Incident Report data
- If supplements are to be filed, enter the appropriate supplement counts and SELECT Command (See MPVS for an example of this)

SEND

COMMAND/		RESPONSE/ PLS ENTER YOUR RESPONSE	
MPIR	1- 32 OF 32	MARINE POLLUTION INCIDENT REPORT 01JAN85	
CASE NUMBER../	MP85868881	PORT/ BCL	OSC AGENCY/ EPA EPA REGION../ 10
DATE CLOSED../		VALIDATED(X)/	CTF/ INV/ SP NOTIFY../
SUBJECT/ COLLISION:CHERRY ST BRIDGE			
REPORTED BY../	LA	NAME/ TOLEDO POLICE	PHONE/ 419-444-1888
DATE REPORTED/	01JAN85	TIME REPORTED/	1800
DATE OF SPILL/	01JAN85	TIME OF SPILL/	0830
CASUALTY CASE REF/			
---INCIDENT LOCATION---			
BODY OF WATER/	XIRMO	(OR)	LATITUDE../ N 40-45.0
RIVER MILE../	5.8		LONGITUDE../ W 83-35.0
CITY../	TOLEDO		STATE../ OH
CLEAN UP ACT../			REMOVAL PARTY/
---FEDERAL COST INFORMATION---			
PROJECT NUMBER../		PROJECT TYPE/	
AUTH CEILING(\$)/		FUNDS EXPENDED(\$)/	TOT COST(\$)/
---GENERAL CASE DESCRIPTION---			
SHIP WITH CHEMICAL CARGO HIT CHERRY ST BRIDGE, AND A TANK TRUCK FELL OFF THE BRIDGE.			
---SUPPLEMENTAL DETAILS REPORTED---			
KEY	TYPE	NUMBER	
1	VESSEL SOURCES.....(MPVS)	---	
2	NON-VESSEL SOURCES.....(MPNS)	---	
3	CG UNIT RESPONSE REPORTS (MPRC)	---	
4	NON-CG RESPONSE REPORTS (MPRN)	---	

### STEP 4

- MSIS responds with a confirmation message

SEND

COMMAND/		RESPONSE/ MP01 NEXT ON QUEUE	
MPIR	1- 2 OF 2	MARINE POLLUTION INCIDENT REPORT 01JAN85	
PP00 COMPLETED SUCCESSFULLY			

Filing A New Marine Pollution Incident Report

MPIR	Update	Correcting/Adding to an Existing Marine Pollution Incident Report
------	--------	---

### STEP 1

- Enter the Marine Pollution Case Number

• COMMAND:SEL,1

SEND

```

COMMAND/ SEL,1                RESPONSE/ PLS ENTER YOUR RESPONSE
MPFI: 1- 16 OF 16             MARINE POLLUTION ENTRY INDEX      01JAN85

      --- SUPPLY ALL APPROPRIATE DATA ---
POLLUTION CASE NUMBER/ MP05000001 VIOLATION REPORT NUMBER/
LOG CRITERIA: FROM/ TO/ NITEMS/
VESSEL NAME/ VIN/ CALL/ FLAG/

      --- SUBJECT OF INTEREST --- (SELECT)
MARINE POLLUTION INCIDENT REPORT.....(MPIR) 1
VESSEL SUPPLEMENT.....(MPVS) 2
NON-VESSEL SOURCE SUPPLEMENT.....(MPNS) 3
CG RESPONSE REPORT.....(MPRC) 4
NON-CG RESPONSE REPORT.....(MPRN) 5
MARINE VIOLATION REPORT.....(MVRR) 6
PORT LOGS:
OPEN POLLUTION CASES FOR PORT.....(MPSP) 7
OPEN VIOLATION REPORTS FOR PORT.....(MVRS) 8

```

### STEP 2

- MSIS responds with the requested report unlocked for update

- Enter or change data as desired

- Select supplemental detail reports if desired.

SEND

```

COMMAND/                      RESPONSE/ PLS ENTER YOUR RESPONSE
MPIR 1- 32 OF 32             MARINE POLLUTION INCIDENT REPORT      01JAN85

CASE NUMBER../ MP05000001 PORT/ BCL OSC AGENCY/ EPA EPA REGION../ 10
DATE CLOSED../ VALIDATED(X)/ CTF/ INV/ 50 NOTIFY../ GWPE

SUBJECT/ COLLISION:CHERRY ST BRIDGE
REPORTED BY../ LOCAL AGENCY NAME/ TOLEDO POLICE PHONE/ 419-444-1000
DATE REPORTED/ 01JAN85 TIME REPORTED/ 1900
DATE OF SPILL/ 01JAN85 TIME OF SPILL/ 0830 CASUALTY CASE REP/

      ---INCIDENT LOCATION---
BODY OF WATER/ MAUMEE RIVER
RIVER MILE../ 3.0 (OR) LATITUDE...../ N 40-45.0
LONGITUDE...../ W 83-35.0
CITY...../ TOLEDO STATE...../ OH
CLEAN UP ACT./ CD REMOVAL PARTY/ NEC

      ---FEDERAL COST INFORMATION---
PROJECT NUMBER./ G309500000 PROJECT TYPE/
AUTH CEILING(S)/ 9000 FUNDS EXPENDED(S)/ 0420 TOT COST(S)/ 0420

      ---GENERAL CASE DESCRIPTION---
SHIP WITH CHEMICAL CARGO HIT CHEERY ST BRIDGE, AND A TANK TRUCK FELL
OFF THE BRIDGE.

      ---SUPPLEMENTAL DETAILS REPORTED---
KEY TYPE NUMBER
1 VESSEL SOURCES.....(MPVS)
2 NON-VESSEL SOURCES.....(MPNS)
3 CG UNIT RESPONSE REPORTS (MPRC)
4 NON-CG RESPONSE REPORTS (MPRN)

```

MPIR Update Correction/Adding to an Existing Marine Pollution Report

### STEP 3

- MSIS responds with a confirmation message

- SEND

COMMAND/ RESPONSE/ MPFI NEXT ON QUEUE  
MPFI 1- 2 OF 2 MARINE POLLUTION INCIDENT REPORT 01JAN85  
PROD COMPLETED SUCCESSFULLY

# MPIR Update Validating the Marine Pollution Incident Report

MPIR	Update	Validating The Marine Pollution Incident Report
------	--------	---

## STEP 1

- Enter the Marine Pollution Case Number
- COMMAND:SEL,1

SEND

```

COMMAND/ SEL,1                                RESPONSE/ PLS ENTER YOUR RESPONSE
MPPI 1- 16 OF 16                                MARINE POLLUTION ENTRY INDEX 01JAN85

--- SUPPLY ALL APPROPRIATE DATA ---
POLLUTION CASE NUMBER/ MP8500001 VIOLATION REPORT NUMBER/
LOG CRITERIA: FROM/ TO/ NITEMS/
VESSEL NAME/ VIN/ CALL/ FLAG/

--- SUBJECT OF INTEREST --- (SELECT)
MARINE POLLUTION INCIDENT REPORT.....(MPPI) 1
VESSEL SUPPLEMENT.....(MPVS) 2
NON-VESSEL SOURCE SUPPLEMENT.....(MPNS) 3
CG RESPONSE REPORT.....(MPRC) 4
NON-CG RESPONSE REPORT.....(MPRN) 5
MARINE VIOLATION REPORT.....(MVRR) 6
PORT LOGS:
OPEN POLLUTION CASES FOR PORT.....(MPSP) 7
OPEN VIOLATION REPORTS FOR PORT.....(MVRS) 8
    
```

## STEP 2

- MSIS responds with the requested report unlocked for update
- Enter or change data as desired
- Enter an "X" in Validated slot and a date in Date Closed slot

SEND

```

COMMAND/ RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS
MPPI 1- 32 OF 32                                MARINE POLLUTION INCIDENT REPORT 01JAN85

CASE NUMBER../ MP8500001 PORT/ BCL OSC AGENCY/ EPA EPA REGION../ 10
DATE CLOSED../ 01JAN85 VALIDATED(X)/ X CTF/ INV/ SP NOTIFY../

SUBJECT/ COLLISION:CHERRY ST BRIDGE
REPORTED BY../ LOCAL AGENCY NAME/ TOLEDO POLICE PHONE/ 419-444-1890
DATE REPORTED/ 01JAN85 TIME REPORTED/ 1800
DATE OF SPILL/ 01JAN85 TIME OF SPILL/ 0830 CASUALTY CASE REF/

---INCIDENT LOCATION---
BODY OF WATER/ MAUMEE RIVER
RIVER MILE../ 5.0 (OR) LATITUDE../ N 40-45.0
LONGITUDE../ W 83-35.0
CITY../ TOLEDO STATE../ OH
CLEAN UP ACT./ CLEAN-UP PERF REMOVAL PARTY/ PARTY NEC

---FEDERAL COST INFORMATION---
PROJECT NUMBER../ C30950000 PROJECT TYPE/ 311-K
AUTH CEILING($)/ 9999 FUNDS EXPENDED($)/ 8420 TOT COST($)/ 8420

---GENERAL CASE DESCRIPTION---
SHIP WITH CHEMICAL CARGO HIT CHERRY ST BRIDGE, AND A TANK TRUCK FELL
OFF THE BRIDGE.

---SUPPLEMENTAL DETAILS REPORTED---
KEY TYPE NUMBER
1 VESSEL SOURCES.....(MPVS) 1
2 NON-VESSEL SOURCES.....(MPNS) 1
3 CG UNIT RESPONSE REPORTS (MPRC) 1
4 NON-CG RESPONSE REPORTS (MPRN) 2
    
```

### STEP 3

- MSIS creates a violation case for any source for which legal action was 'Y', and lists the new case numbers

- SEND

COMMAND/		RESPONSE/ MSIS NEXT ON QUEUE	
MPIR	1- 6 OF 6	MARINE POLLUTION INCIDENT REPORT	01JAN85
--- THE FOLLOWING VIOLATION REPORTS WERE INITIATED DURING VALIDATION ---			
REPORT	VIN OR FIN	VESSEL OR FACILITY NAME	
VR85000003	CG000005	OWENS VENTURE	
VR85000004	EXX123	EXXON 0123	



## **B. MARINE POLLUTION VESSEL SUPPLEMENT - MPVS**

### **1. MPVS PURPOSE AND DESCRIPTION**

Provides a mechanism for identifying vessels (known or unknown) suspected and/or verified as a source in a pollution incident.  
Provides a mechanism for identifying all polluting substances associated with a specific vessel.

Figure V-3 shows MPVS as it appears on the terminal.

### **2. ACCESSING MPVS**

#### **a. MENU**

MPVS can be accessed from MPEI in update mode and MPRI in retrieval mode.

#### **b. FREE FORM**

MPVS can be accessed through free-form with:

**-MPVS,E,U, or R,CASE=<CASE NUMBER>**

where:

E = entry mode

U = update mode

R = retrieval mode

CASE NUMBER = MSIS case number

EXAMPLE:

**-MPVS,R,CASE=MP84555**

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPVS 1- 23 OF 23 MARINE POLLUTION VESSEL SUPPLEMENT 01JAN85

CASF/ MP85000001  
 KEY MORE TO FILE NEW SUPPL

NAME/ \_\_\_\_\_ --- VESSEL INVOLVED --- VERIFICATION (V/K) .. /  
 OPERATION/ \_\_\_\_\_ VIN/ \_\_\_\_\_ CALL/ \_\_\_\_\_ FLAG/ \_\_\_\_\_  
 CAUSE...: PRIMARY/ \_\_\_\_\_ PENALTY ACTION (Y/N) / - MVRR/ \_\_\_\_\_  
 CONTRIBUTING FACT/ \_\_\_\_\_ SECONDARY/ \_\_\_\_\_

CHRIS CODE	TOTAL POTENTIAL	--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---				UNITS
		--- OUT OF WATER ---		--- IN WATER ---		
		SPILLED	RECOVERED	SPILLED	RECOVERED	
---	-----	-----	-----	-----	-----	-----
---	-----	-----	-----	-----	-----	-----
---	-----	-----	-----	-----	-----	-----
---	-----	-----	-----	-----	-----	-----
---	-----	-----	-----	-----	-----	-----

FIGURE V-3. MARINE POLLUTION VESSEL SUPPLEMENT--BLANK FORM

c. SELECTION FROM OTHER PRODUCTS

MPVS can be accessed from MPIR.

For initial entry, MPVS normally is accessed from MPIR. This is done by entering the number of MPVS supplements desired in the appropriate blank under SUPPLEMENTAL DETAILS REPORTED on the MPIR. The user then enters **"SEL,I"** in the COMMAND line.

3. MPVS DATA ENTRY REQUIREMENTS AND EXPLANATION

MPVS is used to identify vessels involved in a pollution incident. MPVS always is associated with an incident report (MPIR). The MPVS can only be filed after the associated MPIR is created.

In entry mode, MPVS is used to enter whatever information is known at that time. Vessels are entered on MPVS by entering the VIN or CALL sign. The vessel name and FLAG are locked. If the VIN is not known, use VFRI to find the vessel through a name search. If the vessel is unknown, enter "UNK" in the VIN slot. All data slots, other than Vessel Name and FLAG, can be used to enter data. The one exception is the name of the polluting substance. The substance is entered as a CHRIS code; MSIS will then display the substance name after sending the screen. If the polluting substance does not have a CHRIS code, enter "\*\*\*\*". This entry will unlock the slot so the name of the substance may be entered by the user. Anytime a new CHRIS code is entered or one is changed, MSIS will return the substance name and will permit the user to approve the change.

For initial entry, the following data slots are entered as code values:

OPERATION  
CAUSE  
CONTRIBUTING FACTOR  
CHRIS CODE (or \*\*\*)  
UNITS.

After sending the screen, MSIS will display the map values for the codes entered.

For initial entry, MSIS presents "paragraphs" for entering five substances.

In update mode, all data slots, except Vessel Name, VIN, CALL, and Flag, can be changed or additional data can be entered. In update, MSIS also will present two new paragraphs for entering polluting substances. If left blank, MSIS will ignore them.

MPVS provides a facility to "VERIFY" and/or "KILL" a vessel supplement. Placing a "V" in the verification slot invokes the verification edits, which edit all data entered for correctness and to make sure all required data have been entered. Required data are (apart from vessel identification):

OPERATION  
PENALTY ACTION  
CAUSE - PRIMARY  
CAUSE - SECONDARY  
CONTRIBUTING FACTOR - at least one  
CHRIS CODE - at least one or \*\*\*  
TOTAL POTENTIAL OR \*  
UNITS

The sum of SPILLED IN and OUT OF WATER must be less than or equal to TOTAL POTENTIAL, if TOTAL POTENTIAL is not unknown. (If TOTAL POTENTIAL is unknown, enter "\*" in the appropriate slot. If any of the other quantities are UNKNOWN, estimate the amount(s)). Also, the amount RECOVERED must not be greater than the amount SPILLED. Put a "Y" in the PENALTY ACTION slot anytime a violation (Cg 3639) is going to be issued. All appropriate information from the MPIR will map to the MVRR. (See

the Marine Violation Transaction Guide.) All vessel supplements associated with a case must be verified before the MPIR can be validated.

MPVS can not be verified during initial entry. After sending the data, MSIS will return the screen with the VERIFY slot unlocked. Enter **"V"** to verify, or send again to bypass verification.

Placing a **"K"** in the VERIFY slot will delete that one MPVS. This can become necessary if it is determined after the MPVS is filed that this particular vessel was not involved in the incident and is not a polluting source.

In both entry and update modes, MSIS provides an opportunity to create another MPVS. In the last existing MPVS, a message will invite the user to key **'MORE'** in the COMMAND line. This will produce another blank MPVS form. If no more MPVS forms are needed, leave the COMMAND line blank.

In retrieval mode, MSIS will display all MPVS supplements associated with a case as one product. Thus, in retrieval, vessel supplements are displayed on the screen in the order in which they were entered, one after another.

#### 4. MPVS DATA DEFINITIONS

Figure V-4 shows the data definitions for MPVS. See Appendix A for the abbreviation meanings. Table V-2 shows the code values for MPVS.

#### 5. MPVS USES

The uses for MPVS are shown in the following example sequences: Filing a New Vessel Supplement, Correcting/Adding to an Existing Vessel Supplement, Verifying a Vessel Supplement and Killing a Vessel Supplement.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPVS 1- 23 OF 23 MARINE POLLUTION VESSEL SUPPLEMENT 01JAN85

CASE/ MP85000001  
 KEY MORE TO FILE NEW SUPPL

NAME/ \_\_\_\_\_ \*\*  
 OPERATION/ (2) \*\* VIN/ VIN # \* VERIFICATION(V/K)../(1)  
 CAUSE...: PRIMARY/ (3) \*\* PENALTY ACTION(Y/N)/ Y\*\*MVRR/ CALL/ LIT # \* FLAG/  
 CONTRIBUTING FACT/ (5) \*\* SECONDARY/ (4) \*\*

CHRIS CODE @ **	--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---					
	TOTAL POTENTIAL	--- OUT OF WATER ---		----- IN WATER -----		UNITS (6) **
	I ## **	SPILLED	RECOVERED	SPILLED	RECOVERED	
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

- \* Field must be filled in on initial entry.
- \*\* Field must be filled in before verification.
- @ See Appendix C for acceptable Chris codes.
- # Either VIN or CALL must be specified.
- ## Use \* to specify an unknown quantity.

Numbers in fields correspond to numbers on the lists of available codes that follow.

FIGURE V-4. DATA DEFINITIONS FOR MPVS

**TABLE V-2. CODE VALUES FOR MPVS**

**(1) VERIFICATION**

V     VERIFY  
K     KILL

**(2) OPERATION**

00	NO OPERATION IN PROGRESS	01	REPAIR, MODIFY, MAINTAIN
02	SHIFTING OF BULK LIQUIDS	03	RECEIVING FUEL
04	STRIPPING TANKS	05	CLEANING TANKS
06	OTHER CLEANING OPERATION	07	STORAGE OF BULK LIQUID
08	RECEIVE BULK LIQUID CARGO	09	DISCHARGE BULK LIQUID CARGO
11	RECEIVE DRY CARGO	12	DISCHARGE DRY CARGO
13	REPLENISHMENT AT SEA	14	PUMPING BILGES
15	TAKING ON BALLAST	18	GAS FREEING TANKS
19	SHIP BREAKING	20	MOORED AT DOCK
21	MOORING ATDOCK	22	DEPARTING FROM DOCK
23	ANCHORED	24	UNDERWAY
75	TRANSIT HARBOR, CONGESTAREA	26	TRANSIT RESTRICTED CHANNEL
27	HOLDING POSITION	28	LIGHTERING- DISCHARGE
29	LIGHTERING- RECEIVING	30	DREDGING
31	SEARCH ANDRESCUE	32	CABLE LAYING
33	TRAWLING	34	FLEETING
35	RESOURCE EXPLORATION	36	RESOURCE PRODUCTION
40	DWP- PLEM	41	DWP- PLATFORM TO SHORE
98	OPERATION NEC	99	UNKNOWN OPERATION

**(3) CAUSE - PRIMARY**

SF	STRUCTURAL FAILURE	EF	EQUIPMENT FAILURE
UD	UNINTENDED DISCHARGE	ID	INTENDED DISCHARGE
NS	NATURAL SEEPAGE	CS	CONTAINER, TANK SPILL
UN	UNKNOWN	NC	KNOWN CAUSE, NEC

**TABLE V-2. CODE VALUES FOR MPVS**

(Continued)

**(4) CAUSE - SECONDARY**

SFPF	CONTAINER, PKG FAIL	SFDR	DIKE RUPTURE, LEAK
SFHR	HULL RUPTURE, LEAK	SFTR	TANK RUPTURE, LEAK
SFPR	PIPELINE RUP, LEAK	SFCL	CONTAINER LOST
SFWB	WELL BLOW-OUT	SFNC	STRUCT FAIL, NEC
EFPR	PIPE RUPTURE, LEAK	EFHR	HOSE RUPTURE, LEAK
EFMR	MANIFOLD RUP, LEAK	EFLR	LOAD ARM RUP, LEAK
EFVF	VALVE FAILURE	EFPF	PUMP FAILURE
EFFF	FLANGE FAILURE	EFGF	GASKET FAILURE
EFNC	EQUIP FAILURE, NEC	UDTO	TANK OVERFLOW
IDBg	BILGE PUMPING	IDBT	BALLAST PUMPING
IDWD	WASTE DISPOSAL	IDED	EMER, DISCHARGE
IDPT	COE-EPA PERMIT	NSBS	SEA-BOTTOM SEEP
NSLC	LEACH, SAT. GROUND	NSNS	NATURAL SUBSTANCE
CSOT	OVERTURNED	NEC	NEC

**(5) CONTRIBUTING FACTOR**

MNT	IMP MAINTENANCE	HOS	IMP HOSE HANDLING
STW	IMP STOWAGE	INS	IMP INSTALLATION
APP	IMP APPLICATION	SND	IMP SOUNDING
SEC	IMP SECURING	VLV	IMP VALVE OPS
OPS	IMP OPS, GENERAL	COM	FAIL TO COMMUNICAT
ATT	INATTENTION	TRN	IMP TRAINING
SAL	SALVAGE OPS	PFG	PERS. ERROR, NEC
HDL	IMP HNDLING, GEN'L		
COL	COLLISION	GRD	GROUNDING
RAM	RAMMING	CAP	CAPSIZING
FIR	FIRE	EXP	EXPLOSION
FDR	SINKING	CNC	CASUALTY, NEC
WTH	ADVERSE WEATHER	DIS	NATURAL DISASTER
DAM	MINOR DAMAGE	DEF	MATERIAL DEFECT
DES	IMP DESIGN	CRN	CORROSION
NWR	NORMAL WEAR	EWR	EXCESS WEAR
SCT	SAND CUTOOTS	OVP	OVERPRESSURE
CUT	CUT, SEVERED	TWT	TWISTED, KINKED
SPN	FAIL TO SHUTDOWN	TOP	TOPPING RATE HI
MLT	LOAD MLTPLE TANKS	SAB	SABOTAGE
VAN	VANDALISM	UNK	UNKNOWN
NEC	NEC		

**(6) UNITS**

G	GALLONS	P	POUNDS
B	BARRELS	T	TONS-2K (2000 lbs.)



MPVS	Entry	Filing A New Vessel Supplement
------	-------	--------------------------------

## STEP 1

- Enter the number of vessel supplements desired
- COMMAND:SEL,1

SEND

```

COMMAND/ SEL,1 RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS
MPVS 1- 32 OF 32 MARINE POLLUTION INCIDENT REPORT 01JAN85

CASE NUMBER../ MP05000001 PORT/ BCL OSC AGENCY/ EPA EPA REGION../ 10
DATE CLOSED../ VALIDATED(X)/ _ CTF/ INV/ SP NOTIFY../ _

SUBJECT/ COLLISION:CHERRY ST BRIDGE
REPORTED BY../ LOCAL AGENCY NAME/ TOLEDO POLICE PHONE/ 419-444-1000
DATE REPORTED/ 01JAN85 TIME REPORTED/ 1000
DATE OF SPILL/ 01JAN85 TIME OF SPILL/ 0830 CASUALTY CASE REF/ _

---INCIDENT LOCATION---
BODY OF WATER/ MADWEE RIVER
RIVER MILE../ 5.0 (OR) LATITUDE../ N 40-45.0
LONGITUDE../ W 81-35.0
CITY../ TOLEDO STATE../ OH
CLEAN UP ACT./ CLEAN-UP PERF REMOVAL PARTY/ LOCAL GOV'T

---FEDERAL COST INFORMATION---
PROJECT NUMBER../ G305500000 PROJECT TYPE/ 311-K
AUTH CEILING($)/ 9999 FUNDS EXPENDED($)/ 8428 TOT COST($)/ 8428

---GENERAL CASE DESCRIPTION---
SHIP WITH CHEMICAL CARGO HIT CHERRY STREET BRIDGE, AND A TANK TRUCK FELL
OFF THE BRIDGE.

---SUPPLEMENTAL DETAILS REPORTED---
KEY TYPE NUMBER
1 VESSEL SOURCES.....(MPVS) 1
2 NON-VESSEL SOURCES.....(MPNS) _
3 CG UNIT RESPONSE REPORTS (MPRC) _
4 NON-CG RESPONSE REPORTS (MPRN) _

```

## STEP 2

- MSIS responds with a blank form for the first Vessel Supplement
- Note that the Verification slot is locked at this time

```

COMMAND/ RESPONSE/ PLS ENTER YOUR RESPONSE
MPVS 1- 23 OF 23 MARINE POLLUTION VESSEL SUPPLEMENT 01JAN85

CASE/ MP05000001
KEY MORE TO FILE NEW SUPPL

--- VESSEL INVOLVED --- VERIFICATION(V/K)../
NAME/ VIN/ CALL/ FLAG/
OPERATION/ PENALTY ACTION(Y/N)/ MVRR/
CAUSE...: PRIMARY/ SECONDARY/
CONTRIBUTING FACT/ _

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---
CHRIS TOTAL --- OUT OF WATER --- IN WATER ---
CODE POTENTIAL SPILLED RECOVERED SPILLED RECOVERED UNITS
_ _ _ _ _
_ _ _ _ _
_ _ _ _ _
_ _ _ _ _
_ _ _ _ _

```

MPVS Entry Filing a New Vessel Supplement

- Enter VIN  
or CALL
- Enter Vessel  
data
- Enter Substance  
data--MSIS  
presents 5  
lines for  
initial entry

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
MPVS 1- 23 OF 23 MARINE POLLUTION VESSEL SUPPLEMENT 81JAN85

CASE/ MP85000001  
KEY MORE TO FILE NEW SUPPL

--- VESSEL INVOLVED --- VERIFICATION(V/K)../  
NAME/ \_\_\_\_\_ VIN/ \_\_\_\_\_ CALL/ GMK7011 FLAG/  
OPERATION/ \_\_\_\_\_ PENALTY ACTION(Y/N)/ \_\_\_\_\_ MVRR/ \_\_\_\_\_  
CAUSF...: PRIMARY/ \_\_\_\_\_ SECONDARY/ \_\_\_\_\_  
CONTRIBUTING FACT/ \_\_\_\_\_

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---

CHRIS CODE	TOTAL POTENTIAL	--- OUT OF WATER ---		--- IN WATER ---		UNITS
		SPILLED	RECOVERED	SPILLED	RECOVERED	
<u>STY</u>	<u>90877200</u>	<u>60900</u>	<u>60000</u>	<u>90800000</u>	<u>50000</u>	<u>P</u>
<u>***</u>	<u>9589</u>	<u>0</u>	<u>0</u>	<u>9400</u>	<u>0</u>	<u>G</u>
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---

- If a substance without an official Chris Code is specified (\*\*\*) , then MSIS will unlock the substance name slot

Enter the  
substance name

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER SUBSTANCE NAME  
MPVS 1- 23 OF 23 MARINE POLLUTION VESSEL SUPPLEMENT #1JAN85

CASE/ MPR5680001  
KEY MORE TO FILE NEW SUPPL

--- VESSEL INVOLVED --- VERIFICATION(V/K)../  
NAME/ OWENS VENTURE VIN/ CG000085 CALL/ GMK7811 FLAG/ US  
OPERATION/ PENALTY ACTION(Y/N)/ MVRR/  
CAUSE...: PRIMARY/ SECONDARY/  
CONTRIBUTING FACT/

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---

CHRIS	TOTAL	--- OUT OF WATER ---	--- IN WATER ---	
CODE	POTENTIAL	SPIILLED	RECOVERED	SPIILLED
STY	STYRENE			RECOVERED
	90877200	6890P	60000	90200000
***	<u>BYLGE WATER</u>			50000
	9584	P	0	9400
				0
				GALLONS

## STEP 5

- MSIS returns the expanded codes and the Name, Primary VIN, CALL, and Flag for the vessel, and permits the user to change, kill, or verify the supplement

SEND

COMMAND/  
MPVS 1- 23 OF 23 RESPONSE/ PLS ENTER YOUR RESPONSE  
MARINE POLLUTION VESSEL SUPPLEMENT #1JAN85

CASE/ MP85P00001  
KEY MOPE TO FILE NEW SUPPL

--- VESSEL INVOLVED --- VERIFICATION(V/K)../  
VIN/ CG8P0085 CALL/ GME7911 FLAG/ US  
OPERATION/ PENALTY ACTION(Y/N)/ - MVRR/  
CASE... PRIMARY/ SECONDARY/  
CONTRIBUTING FACT/

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---  
TOTAL --- OUT OF WATER --- IN WATER ---  
CODE POTENTIAL SPILLED RECOVERED SPILLED RECOVERED UNITS  
STY STYRPNF  
90R77200 68900 60000 90000000 50000 POUNDS  
\*\*\* BILGE WATER  
9589 0 0 9400 0 GALLONS

## STEP 6

- MSIS responds with a confirmation message

SEND

COMMAND/ \_\_\_\_\_ RESPONSE/ MPEI NEXT ON QUEUE  
MPVS 1- 3 OF 3 MARINE POLLUTION VESSEL SUPPLEMENT 01JAN85  
CASE/ MP05000001  
PROD COMPLETED SUCCESSFULLY

MPVS Entry Filing a New Vessel Supplement

MPVS	Update	Correcting/Adding to an Existing Vessel Supplement
------	--------	--

#### STEP 1

- Enter the Marine Pollution Case Number

COMMAND:SEL,2

SEND

```

COMMAND/ SEL,2                RESPONSE/ PLS ENTER YOUR RESPONSE
MPET 1- 16 OF 16             MARINE POLLUTION ENTRY INDEX      81JAN85

--- SUPPLY ALL APPROPRIATE DATA ---
POLLUTION CASE NUMBER/ MP8500001 VIOLATION REPORT NUMBER/
LOG CRITFPIA: FROM/ TO/ VITEMS/
VESSEL NAME/ VIN/ CALL/ FLAG/

--- SUBJECT OF INTEREST --- (SELECT)
MARINE POLLUTION INCIDENT REPORT.....(MPIR) 1
VESSEL SUPPLEMENT.....(MPVS) 2
NON-VESSEL SOURCE SUPPLEMENT.....(MPNS) 3
CG RESPONSE REPORT.....(MPRC) 4
NON-CG RESPONSE REPORT.....(MPRN) 5
MARINE VIOLATION REPORT.....(MVRR) 6
PORT LOGS:
OPEN POLLUTION CASES FOR PORT.....(MPSP) 7
OPEN VIOLATION REPORTS FOR PORT.....(MVRS) 8

```

#### STEP 2

- MSIS responds with the first Vessel Supplement, unlocked for update
- Enter or change data as desired
- Note that if the CHRIS CODE is changed, MSIS will allow the user to approve the change before continuing

SEND

```

COMMAND/ MPVS 1- 23 OF 23      RESPONSE/ PLS ENTER YOUR RESPONSE
MPVS 1- 23 OF 23             MARINE POLLUTION VESSEL SUPPLEMENT  81JAN85
CASE/ MP85000001
KEY MORE TO FILE NEW SUPPL

--- VESSEL INVOLVED --- VERIFICATION(V/K)../
NAME/ OWENS VENTURE VIN/ CG800005 CALL/ CMK7011 FLAG/ US
OPERATION/ 26 PENALTY ACTION(Y/N)/ MVRR/
CAUSE....: PRIMARY/ SP SECONDARY/ SPTR
CONTRIBUTING FACT/ COL RNT

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---
CHRIS TOTAL --- OUT OF WATER --- IN WATER ---
CODE POTENTIAL SPILLED RECOVERED SPILLED RECOVERED UNITS
STY STYRENE 90877200 60000 60000 90000000 50000 POUNDS
*** BILGE WATER 9589 0 0 9400 0 GALLONS

```

MPVS Update Correcting/Adding to an Existing Vessel Supplement

### STEP 3

- MSIS responds with a confirmation message

- SEND

COMMAND/	RESPONSE/ MPEI NEXT ON QUEUE	
MPVS	1- 3 OF 3	01JAN85
MARINE POLLUTION VESSEL SUPPLEMENT		
CASE/ MPRSPR0001		
PROD COMPLETED SUCCESSFULLY		

MPVS Update Adding to an Existing Vessel Supplement

MPVS	Update	Verifying a Vessel Supplement
------	--------	-------------------------------

### STEP 1

- Enter Marine Pollution Case Number

- COMMAND:SEL,2

SEND

COMMAND/ SEL,2 RESPONSE/ PLS ENTER YOUR RESPONSE  
MPEI 1- 16 OF 16 MARINE POLLUTION ENTRY INDEX 01JAN85

--- SUPPLY ALL APPROPRIATE DATA ---

POLLUTION CASE NUMBER/ MP85000001 VIOLATION REPORT NUMBER/ \_\_\_\_\_  
LOG CRITERIA: FROM/ \_\_\_\_\_ TO/ \_\_\_\_\_ NITEMS/ \_\_\_\_\_  
VESSEL NAME/ \_\_\_\_\_ VIN/ \_\_\_\_\_ CALL/ \_\_\_\_\_ FLAG/ \_\_\_\_\_

--- SUBJECT OF INTEREST --- (SELECT)

MARINE POLLUTION INCIDENT REPORT.....(MPRI)	1
VESSEL SUPPLEMENT.....(MPVS)	2
NON-VESSEL SOURCE SUPPLEMENT.....(MPNS)	3
CG RESPONSE REPORT.....(MPRC)	4
NON-CG RESPONSE REPORT.....(MPRN)	5
MARINE VIOLATION REPORT.....(MVRR)	6

PORT LOGS:  
OPEN POLLUTION CASES FOR PORT.....(MPSP) 7  
OPEN VIOLATION REPORTS FOR PORT.....(MVRS) 8

### STEP 2

- MSIS responds with the first Vessel Supplement, unlocked for update

- Enter or change data as desired

- Enter "V" in Verification to verify the supplement

SEND

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
MPVS 1- 23 OF 23 MARINE POLLUTION VESSEL SUPPLEMENT 01JAN85

CASE/ MP85000001  
KEY MOPE TO FILE NEW SUPPL

--- VESSEL INVOLVED --- VERIFICATION(V/K)../ V

NAME/ OMPNS VENTURE VIN/ C0800000 CALL/ CMK7011 FLAG/ US  
OPERATION/ TRANSIT RESTRICTED CHANNEL PENALTY ACTION(Y/N)/ Y MVRR/  
CAUSE...: PRIMARY/ STRUCTURAL FAILURE SECONDARY/ TANK RUPTURE, LEAK  
CONTRIBUTING FACT/ COLLISION IMP MAINTENANCE

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---

CHRIS CODE	TOTAL POTENTIAL	OUT OF WATER		IN WATER		UNITS
		SPILLED	RECOVERED	SPILLED	RECOVERED	
STYRENE	90077200	60000	60000	90000000	50000	POUNDS
***	BTLCR WATER	9500	0	0	9400	GALLONS
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---

MPVS Update Verifying a Vessel Supplement

### STEP 3

- MSIS responds with confirmation message

- SEND

COMMAND/	RESPONSE/ MPE1	NEXT ON QUEUE
MPVS 1- 3 OF 3	MARINE POLLUTION VESSEL SUPPLEMENT	01JAN85
CASE/ MP05000001		
PROD COMPLETED SUCCESSFULLY		

MPVS Update Verifying a Vessel Update





### STEP 3

- MSIS responds with a confirmation message

- SEND

COMMAND/		RESPONSE/ MPFI NEXT ON QUEUE	
MPVS	1- 3 OF 3	MARINE POLLUTION VESSEL SUPPLEMENT	01JAN85
CASE/ MP05000001			
PROD COMPLETED SUCCESSFULLY			

MPVS    Update Killing a Vessel Supplement

## C. MARINE POLLUTION NON-VESSEL SOURCE SUPPLEMENT - MPNS

### 1. MPNS PURPOSE AND DESCRIPTION

Provides a mechanism for identifying known and unknown non-vessel sources of pollution.  
Provides a mechanism for identifying all polluting substances associated with a non-vessel source.

Figure V-5 shows MPNS as it appears on the terminal.

### 2. ACCESSING MPNS

#### a. MENU

MPNS can be accessed from MPEI in update mode and MPRI in retrieval mode.

#### b. FREE FORM

MPNS can be accessed through free-form with:

**-MPNS,E,U, or R,CASE=<CASE NUMBER>**

where:

E = entry mode

U = update mode

R = retrieval mode

CASE NUMBER = valid MSIS case number

EXAMPLE:

**-MPNS,U,CASE=MP849000555**

### C. SELECTION FROM OTHER PRODUCTS

MPNS can be accessed from MPIR.

For initial entry, MPNS normally is accessed from MPIR. This is done by entering the number of MPNS supplements desired in the appropriate blank

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPNS 1- 26 OF 26 MARINE POLLUTION NON-VESSEL SOURCE SUPPLEMENT 01JAN85

CASE/ MP85000001  
 KEY MOPE TO FILE NEW SUPPL

--- NON-VESSEL SOURCE INVOLVED --- VERIFICATION(V/K)/  
 SOURCE NAME.... / \_\_\_\_\_ LOCAL SOURCE ID/ \_\_\_\_\_  
 IDENTIFICATION./ \_\_\_\_\_  
 OWNERSHIP CLASS/ \_\_\_\_\_ TYPE/ \_\_\_\_\_ USE/ \_\_\_\_\_  
 OPERATION/ \_\_\_\_\_ PENALTY ACTION(Y,N)/ \_\_\_\_\_ MVRR/ \_\_\_\_\_  
 CAUSE...: PRIMARY/ \_\_\_\_\_ SECONDARY/ \_\_\_\_\_  
 CONTRIBUTING FACT/ \_\_\_\_\_

CHRIS CODE	--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---					
	TOTAL POTENTIAL	--- OUT OF WATER ---		----- IN WATER -----		UNITS
		SPILED	RECOVERED	SPILED	RECOVERED	
---	_____	_____	_____	_____	_____	_____
---	_____	_____	_____	_____	_____	_____
---	_____	_____	_____	_____	_____	_____
---	_____	_____	_____	_____	_____	_____
---	_____	_____	_____	_____	_____	_____
---	_____	_____	_____	_____	_____	_____

FIGURE V-5. MARINE POLLUTION NON-VESSEL SOURCE  
 SUPPLEMENT--BLANK FORM

under SUPPLEMENTAL DETAILS REPORTED on the MPIR. The user then enters "**SEL,2**" in the COMMAND line.

### 3. MPNS DATA ENTRY REQUIREMENTS AND EXPLANATION

In entry mode, MPNS is used to record the name of the non-vessel source, incident information, and polluting substance information. MPNS works much like MPVS, and serves the same purpose for non-vessels. However, unlike vessels, non-vessel sources are not uniquely identified to MSIS through an identification number at this time. Any name can be entered into the SOURCE NAME slot on MPNS. No other action is necessary to identify a non-vessel source. The same is true of the IDENTIFICATION slot. Anything can be entered here to identify the source. LOCAL SOURCE ID is entered by the filing port and can be any identifier for the non-vessel at the unit. (If the source is unknown enter "UNK" in the LOCAL SOURCE ID slot.) Until the use of Facility Identification Numbers (FIN) are added to MSIS, the use of consistent (character by character) descriptions of a given non-vessel will greatly facilitate future data retrieval.

The CHRIS code of the polluting substance is entered in the CHRIS code slot; MSIS will then display the substance name after ending the screen. If the polluting substance does not have a CHRIS code, enter

"\*\*\*\*". This entry will unlock the slot so the name of the substance may be entered by the user. Anytime a new CHRIS code is entered or one is changed, MSIS will return the substance name and will permit the user to approve the change.

For initial entry, the following data are entered as code values:

OWNERSHIP CLASS  
TYPE  
USE  
OPERATION  
CAUSE  
CONTRIBUTING FACT  
CHRIS CODE (or \*\*\*)  
UNITS.

After sending the screen, MSIS will display the map values for the codes entered.

In entry mode, MPNS presents "paragraphs" for entering up to five substances.

In update mode, MPNS can be used to change data or to enter additional data. The full "value" (name) of codes entered previously are displayed. Two additional blank paragraphs for polluting substances are presented. If left blank, MSIS will ignore them.

MPNS provides a facility to "VERIFY" and/or "KILL" a non-vessel supplement though this cannot be done on initial entry. Placing a "V" in the verification slot invokes the verification edits, which edit all data entered for correctness and to make sure all required data have been entered. Required data are:

OWNERSHIP CLASS  
TYPE  
USE  
OPERATION  
CAUSE - PRIMARY  
CAUSE - SECONDARY  
PENALTY ACTION  
CONTRIBUTING FACTOR - at least one  
CHRIS CODE - at least one or \*\*\*  
TOTAL POTENTIAL or \*  
UNITS.

The sum of SPILLED IN and OUT OF WATER must be less than or equal to TOTAL POTENTIAL, if TOTAL POTENTIAL is not unknown. (If TOTAL POTENTIAL is unknown, enter "\*" in the appropriate slot. If any of the other

quantities are unknown, estimate the amount(s)). Also, the amount RECOVERED must not be greater than the amount SPILLED. All non-vessel supplements associated with a case must be verified before the MPIR can be validated.

MPNS can not be verified during initial entry. After sending the data, MSIS will return the screen with the VERIFY slot unlocked. Enter "**V**" to verify, or send again to bypass verification.

Placing a "**K**" in the VERIFY slot will delete that one MPNS. This can become necessary if it is determined that after the MPNS is filed, this particular non-vessel source was not involved in the incident and is not a polluting source.

In both entry and update modes, MSIS provides an opportunity to create another MPNS. In the last existing MPNS, a message will invite the user to key '**MORE**' in the COMMAND line. This will produce another blank MPNS form. If no more MPNS forms are needed, leave the COMMAND line blank.

In retrieval mode, MSIS will display all MPNS supplements associated with a case as one product. Thus, in retrieval, non-vessel source supplements are displayed on the screen in the order in which they were entered, one after the other.

#### 4. MPNS DATA DEFINITIONS

Figure V-6 shows the data definitions for MPNS. See Appendix A for the abbreviation meanings.

Table V-3 shows the code values for MPNS.

#### 5. MPNS USES

The use of MPNS is shown in the following example sequence: Filing a New Non-Vessel Source Supplement.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPNS 1- 26 OF 26 MARINE POLLUTION NON-VESSEL SOURCE SUPPLEMENT 01JAN85

CASE/ MP85000001  
 KEY MORE TO FILE NEW SUPPL

\*\*

--- NON-VESSEL SOURCE INVOLVED --- VERIFICATION(V/K)/(1)  
 SOURCE NAME..../ NARR \_\_\_\_\_ LOCAL SOURCE ID/ LIT \_\_\_\_\_  
 IDENTIFICATION./ NARR \_\_\_\_\_

---

OWNERSHIP CLASS/ (2) \*\* \_\_\_\_\_ TYPE/ (3) \*\* \_\_\_\_\_ USE/ (4) \*\* \_\_\_\_\_  
 OPERATION/ (5) \*\* \_\_\_\_\_ PENALTY ACTION(Y,N)/ Y\*\*MVRR/ \_\_\_\_\_  
 CAUSE...: PRIMARY/ (6) \*\* \_\_\_\_\_ SECONDARY/ (7) \*\* \_\_\_\_\_  
 CONTRIBUTING FACT/ (8) \*\* \_\_\_\_\_ (8) \_\_\_\_\_

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---

CHRIS CODE @ **	TOTAL POTENTIAL	--- OUT OF WATER ---		----- IN WATER -----		UNITS
		SPILLED	RECOVERED	SPILLED	RECOVERED	
I # **	I	I	I	I	I	(9) **
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

\*\* Field must be filled in before verification.  
 @ See Appendix C for acceptable Chris codes.  
 # Use \* to specify an unknown quantity.

Numbers in fields correspond to numbers on the lists of  
 available codes that follow.

FIGURE V-6. DATA DEFINITIONS FOR MPNS

**TABLE V-3. CODE VALUES FOR MPNS**

**(1) VERIFICATION**

V	VERIFY
K	KILL

**(2) OWNERSHIP CLASS**

COM	COMMERCIAL	NON	NON-COMMERCIAL
Cg	COAST GUARD	MIL	MILITARY
GOV	OTHER GOVERNMENT	UNK	UNKNOWN
NEC	NEC		

**(3) TYPE**

LF	LAND FACILITY, NON MAR	OFP	OFFSHORE PIPELINE
ONP	ONSHORE PIPELINE	AC	AIRCRAFT
RRT	R-R TANK CAR	RRN	R-R EQUIP, NEC
TT	TANK TRUCK	LVN	LAND VEHICLE, NEC
NAT	NAT, CHRONIC PHENOM	DWP	DEEP WATER PORT
DWF	DESG. WATERFRONT FAC	FPH	FAC PARTICULAR HAZARD
UN	UNKNOWN	OMF	OTHER ONSHORE MAR FAC
		OFF	OFFSHORE MAR FACILITY
		NEC	KNOWN SOURCE, NEC

**(4) USE**

PC	PIER COMPLEX	SF	STORAGE FAC
PF	PROCESSING FAC	PM	PROD, MAN. FAC
RF	REFINING FAC	TR	TRANSPORTATION
UN	UNKNOWN	NC	KNOWN USE, NEC

**(5) OPERATION**

00	NO OPERATION IN PROGRESS	01	REPAIR, MODIFY, MAINTAIN
02	SHIFTING OF BULK LIQUIDS	03	RECEIVING FUEL
04	STRIPPING TANKS	05	CLEANING TANKS
06	OTHER CLEANING OPERATION	07	STORAGE OF BULK LIQUID
08	RECEIVE BULK LIQUID	09	DISCHARGE BULK LIQUID CARGO
11	RECEIVE DRY CARGO	12	DISCHARGE DRY CARGO
18	GAS FREEING TANKS	24	UNDERWAY/TRANSPORTING
36	RESOURCE PRODUCTION	35	RESOURCE EXPLORATION
38	START STOP MFG PROCESS	37	INDUSTRIAL OR MFG PROCESS
98	OPERATION NEC	39	PIPELINE TRANSPORT
		99	UNKNOWN OPERATION



**TABLE V-3. CODE VALUES FOR MPNS**

(Continued)

**(6) CAUSE - PRIMARY**

SF	STRUCTURAL FAILURE	EF	EQUIPMENT FAILURE
UD	UNINTENDED DISCHARGE	ID	INTENDED DISCHARGE
NS	NATURAL SEEPAGE	CS	CONTAINER, TANK SPILL
UN	UNKNOWN	NC	KNOWN CAUSE, NEC

**(7) CAUSE - SECONDARY**

SFPF	CONTAINER, PKG FAIL	SFDR	DIKE RUPTURE, LEAK
SFHR	HULL RUPTURE, LEAK	SFTR	TANK RUPTURE, LEAK
SFPR	PIPELINE RUP, LEAK	SFCL	CONTAINER LOST
SFWB	WELL BLOW-OUT	SFNC	STRUCT FALL, NEC
EFPR	PIPE RUPTURE, LEAK	EFHR	HOSE RUPTURE, LEAK
EFMR	MANIFOLD RUP, LEAK	EFLR	LOAD ARM RUP, LEAK
EFVF	VALVE FAILURE	EFPF	PUMP FAILURE
EFFF	FLANGE FAILURE	EFGF	GASKET FAILURE
EFNC	EQUIP FAILURE, NEC	UDTO	TANK OVERFLOW
IDBG	BILGE PUMPING	IDBT	BALLAST PUMPING
IDWD	WASTE DISPOSAL	IDED	EMER. DISCHARGE
IDPT	COE-EPA PERMIT	NSBS	SEA-BOTTOM SEEP
NSLC	LEACH, SAT. GROUND	NSNS	NATURAL SUBSTANCE
CSOT	OVERTURNED	NEC	NEC

**(8) CONTRIBUTING FACTOR**

MNT	IMP MAINTENANCE	HOS	IMP HOSE HANDLING
STW	IMP STOWAGE	INS	IMP INSTALLATION
APP	IMP APPLICATION	SND	IMP SOUNDING
SEC	IMP SECURING	VLV	IMP VALVE OPS
OPS	IMP OPS, GENERAL	COM	FAIL TO COMMUNICAT
ATT	INATTENTION	TRN	IMP TRAINING
SAL	SALVAGE OPS	PFG	PERS, ERROR, NEC
HDL	IMP HNDLNG, GEN'L		
COL	COLLISION	GRD	GROUNDING
RAM	RAMMING	CAP	CAPSIZING
FIR	FIRE	EXP	EXPLOSION
FDR	SINKING	CNC	CASUALTY, NEC
WTH	ADVERSE WEATHER	DIS	NATURAL DISASTER
DAM	MINOR DMAGE	DEF	MATERIAL DEFECT
DES	IMP DESIGN	CRN	CORROSION
NWR	NORMAL WEAR	EWR	EXCESS WEAR
SCT	SAND CUTOOTS	OVV	OVERPRESSURE
CUT	CUT, SEVERED	TWT	TWISTED, KINKED
SPN	FAIL TO SHUTDOWN	TOP	TOPPING RATE HI
MLT	LOAD MLTPLE TANKS	SAB	SABOTAGE
VAN	VANDALISM	UNK	UNKNOWN
NEC	NEC		

\* For CHRIS Codes see Appendix C.

**TABLE V-3. CODE VALUES FOR MPNS**

(Continued)

**(9) UNITS**

G	GALLONS	P	POUNDS
B	BARRELS	T	TONS (2000 lbs.)

MPNS	Entry	Filing A New Non-Vessel Source Supplement
------	-------	---

## STEP 1

- Enter the number of non-vessel supplements desired
- COMMAND:SEL,2

SEND

COMMAND/ SEL,2 RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS  
 MPIR 1- 32 OF 32 MARINE POLLUTION INCIDENT REPORT 91JAN85

CASE NUMBER../ MP85000001 PORT/ BCL OSC AGENCY/ EPA EPA REGION../ 10  
 DATE CLOSED../ VALIDATED(X)/ CTF/ INV/ SF/ NOTIFY../

SUBJECT/ COLLISION:CHERRY ST BRIDGE  
 REPORTED BY../ LOCAL AGENCY NAME/ TOLEDO POLICE PHONE/ 419-444-1888  
 DATE REPORTED/ 91JAN85 TIME REPORTED/ 1800  
 DATE OF SPILL/ 91JAN85 TIME OF SPILL/ 0830 CASUALTY CASE REF/

---INCIDENT LOCATION---  
 BODY OF WATER/ MAUMEE RIVER  
 RIVER MILE../ 5.0 (OR)  LATITUDE../ N 40-45.0  
 CITY../ TOLEDO LONGITUDE../ W 83-35.0  
 CLEAN UP ACT../ CLEAN-UP PERF REMOVAL PARTY/ PARTY NEC

---FEDERAL COST INFORMATION---  
 PROJECT NUMBER/ G389500000 PROJECT TYPE/ 311-K  
 AUTH CEILING(S)/ 9000 FUNDS EXPENDED(S)/ 8428 TOT COST(S)/ 8429

---GENERAL CASE DESCRIPTION---  
 SHIP WITH CHEMICAL CARGO HIT CHERRY ST BRIDGE, AND A TANK TRUCK FELL  
 OFF THE BRIDGE.

---SUPPLEMENTAL DETAILS REPORTED---  

KEY	TYPE	NUMBER
1	VESSEL SOURCES.....(MPVS)	1
2	NON-VESSEL SOURCES.....(MPNS)	1
3	CG UNIT RESPONSE REPORTS (MPRC)	1
4	NON-CG RESPONSE REPORTS (MPRN)	1

## STEP 2

- MSIS responds with a blank form for the first Non-Vessel Source supplement
- Note that the Verification slot is locked at this time

COMMAND/  RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPNS 1- 26 OF 26 MARINE POLLUTION NON-VESSEL SOURCE SUPPLEMENT 91JAN85

CASE/ MP85000001  
 KEY MORE TO FILE NEW SUPPL

--- NON-VESSEL SOURCE INVOLVED --- VERIFICATION(V/K)/   
 SOURCE NAME../  LOCAL SOURCE ID/   
 IDENTIFICATION../

OWNERSHIP CLASS/  TYPE/  USE/   
 OPERATION/  PENALTY ACTION(Y,N)/  MVRR/   
 CAUSE... PRIMARY/  SECONDARY/   
 CONTRIBUTING FACT/

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---  

CHRIS CODE	TOTAL POTENTIAL	OUT OF WATER		IN WATER		UNITS
		SPILLED	RECOVERED	SPILLED	RECOVERED	
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---

MPNS Entry Filing A New Non-Vessel Source Supplement

### STEP 3

- Enter non-vessel data
- Enter substance data--MSIS presents 5 lines for initial entry

SEND

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPNS 1- 26 OF 26 MARINE POLLUTION NON-VESSEL SOURCE SUPPLEMENT 01JAN85

CASE/ MPR5P00001  
 KEY MORE TO FILE NEW SUPPL

--- NON-VESSEL SOURCE INVOLVED --- VERIFICATION(V/K)/  
 SOURCE NAME..../ EXXON #123 LOCAL SOURCE ID/ EXX123  
 IDENTIFICATION./ EXXON OIL TANK TRUCK

OWNERSHIP CLASS/ COH TYPE/ TT USE/ TR  
 OPERATION/ 98 PENALTY ACTION(Y,N)/ Y MVRR/  
 CAUSE...: PRIMARY/ CS SECONDARY/ CSOT  
 CONTRIBUTING FACT/ COL

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---

CHRIS CODE	TOTAL POTENTIAL	--- OUT OF WATER ---		--- IN WATER ---		UNITS
		SPILLED	RECOVERED	SPILLED	RECOVERED	
OIL	900	0	0	300	200	G
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---

### STEP 4

- MSIS returns the expanded codes and permits the user to change, kill, or verify the supplement

SEND

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPNS 1- 26 OF 26 MARINE POLLUTION NON-VESSEL SOURCE SUPPLEMENT 01JAN85

CASE/ MPR5P00001  
 KEY MORE TO FILE NEW SUPPL

--- NON-VESSEL SOURCE INVOLVED --- VERIFICATION(V/K)/ V  
 SOURCE NAME..../ EXXON #123 LOCAL SOURCE ID/ EXX123  
 IDENTIFICATION./ EXXON OIL TANK TRUCK

OWNERSHIP CLASS/ COMMERCIAL TYPE/ TANK TRUCK USE/ TRANSPORTATION  
 OPERATION/ OPERATION NEC PENALTY ACTION(Y,N)/ Y MVRR/  
 CAUSE...: PRIMARY/ CONTAINER, TANK SPILL SECONDARY/ OVERTURNED  
 CONTRIBUTING FACT/ COLLISION

--- POLLUTING SUBSTANCES AND QUANTITIES INVOLVED ---

CHRIS CODE	TOTAL POTENTIAL	--- OUT OF WATER ---		--- IN WATER ---		UNITS
		SPILLED	RECOVERED	SPILLED	RECOVERED	
OIL: CRUDE	900	0	0	300	200	GALLONS
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---

MPNS Entry Filing A New Non-Vessel Source Supplement

## STEP 5

- MSIS responds with a confirmation message

SEND

COMMAND/ RESPONSE/ MPPI NEXT ON QUEUE  
MPNS 1- 3 OF 3 MARINE POLLUTION NON-VESSEL SOURCE SUPPLEMENT 01JAN85  
CASE/ MP85000001  
PROD COMPLETED SUCCESSFULLY

MPNS Entry Filing A New Non-Vessel Source Supplement

#### D. MARINE POLLUTION COAST GUARD RESPONSE REPORT - MPRC

##### 1. MPRC PURPOSE AND DESCRIPTION

Provides a mechanism for recording resources utilized by the Coast Guard in responding to a pollution incident.

Figure V-7 shows MPRC as it appears on the terminal.

##### 2. ACCESSING MPRC

###### a. MENU

MPRC can be accessed in update mode from MPEI and in retrieval mode from MPRI.

###### b. FREE FORM

MPRC can be accessed through free-form with:

**-MPRC,E,U, or R,CASE=<CASE NUMBER>**

where:

E = entry mode

U = update mode

R = retrieval mode

CASE NUMBER = valid MSIS case number

EXAMPLE:

**\_MPRC,E,CASE=MP84000555**

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRC 1- 16 OF 16 MARINE POLLUTION RESPONSE REPORT - CG UNITS 01JAN85

CASE/ MP85000001  
 KEY MORE TO FILE NEW SUPPL

--- UNIT RESPONSE ACTIVITIES --- VERIFICATION(V,K)/ \_  
 OPFAC ID/ \_-\_\_\_\_\_ NOTIFIED: DATE/ \_\_\_\_\_ TIME/ \_\_\_\_\_

RESPONDING RESOURCE	--- MISSION PERF. FACTORS ---				-----DURATION (HRS)-----				
	RES	LOG	PER	ENV	ADM	REM	INV	SPV	MON
_____	---	---	---	---	---	---	---	---	---
_____	---	---	---	---	---	---	---	---	---
_____	---	---	---	---	---	---	---	---	---
_____	---	---	---	---	---	---	---	---	---

FIGURE V-7. MARINE POLLUTION COAST GUARD RESPONSE  
 REPORT-- BLANK FORM

c. SELECTION FROM OTHER PRODUCTS

MPRC can be accessed from MPIR.

In entry mode, MPRC is normally accessed from

MPIR. This is done by entering the number of MPRC reports desired in the appropriate blank under SUPPLEMENTAL DETAILS REPORTED on the MPIR. The user then enters "**SEL,3**" in the COMMAND line.

3. MPRC DATA ENTRY REQUIREMENTS AND EXPLANATION

More than one MPRC can be filed for each case. One MPRC is filed for each OPFAC participating in the pollution case.

In entry mode, all data slots, except CASE NUMBER, can be used to enter all data known at the time. NOTIFIED DATE and TIME are the date and the time the responding unit was notified of the incident. RESPONDING RESOURCES are entered as codes and are expanded by MSIS. MISSION PERF FACTORS are entered as codes and MSIS subsequently will always display these as codes. DURATION (HRS) is entered to one decimal place for each category. In entry mode, five lines are available for RESPONDING RESOURCE.

In update mode, all data can be changed or new/ additional data entered. Two additional lines are presented for RESPONDING RESOURCE.

Like MPVS and MPNS, MPRC has a facility to VERIFY and/or KILL a response report. Placing a "V" in the VERIFY slot invokes the verification edits. This process checks the data for correct codes and checks that all required data have been entered. Required data are:

OPFAC ID

NOTIFIED DATE and TIME

RESPONDING RESOURCE - at least one.



For each Responding Resource, all MISSION PERF FACTORS and at least one DURATION category must be entered. See Table V-5 for allowable codes.

MPRC can be verified during initial entry or update by placing a "V" in the VERIFY slot.

If it is necessary to delete a response report, place a "K" in the VERIFY slot. This will delete that MPRC.

In both entry and update modes, MSIS provides an opportunity to create another MPRC. In the last existing MPRC, a message will invite the user to key "MORE" in the COMMAND line. This will produce another blank MPRC form. If no more MPRC forms are needed, leave the COMMAND line blank.

All MPRCs must be verified before the MPIR can be validated.

#### 4. MPRC DATA DEFINITIONS

Figure V-8 shows the data definitions for MPRC. See Appendix A for the abbreviation meanings.

Table V-5 shows the code values for MPRC.

#### 5. MPRC USES

The use of MPRC is shown in the following example sequence: Filing a New Coast Guard Response Report.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRC 1- 16 OF 16 MARINE POLLUTION RESPONSE REPORT - CG UNITS 01JAN85

CASE/ MP85000001  
 KEY MORE TO FILE NEW SUPPL

\*\*

--- UNIT RESPONSE ACTIVITIES --- VERIFICATION(V,K)/(1)

OPFAC ID/LIT-I\* NOTIFIED: DATE/ CD # \* TIME/ MT \*

--- RESOURCES UTILIZED @ ---

RESPONDING RESOURCE	---MISSION PERF. FACTORS---				-----DURATION(HRS)-----				
	RES (3)*	LOG (4)*	PER (5)*	ENV (6)*	ADM I ##	REM I ##	INV I ##	SPV I ##	MON I ##
(2) *	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---	---

\* Field must be filled in on initial entry.  
 \*\* Field must be filled in before verification.  
 @ See Table V-4 for definitions of the terms.  
 # Date Notified must not be later than the current date  
 nor earlier than the Date Spilled on MPIR.  
 ## At least one Duration must be filled in on initial entry.

Numbers in fields correspond to numbers on the lists of  
 available codes that follow.

FIGURE V-8. DATA DEFINITIONS FOR MPRC

**TABLE V-4. DEFINITIONS FOR "RESOURCES UTILIZED" TERMS**

**MISSION PERFORMANCE FACTORS**

**RES** - Addresses the qualitative performance of the responding boat, aircraft, cutter or vehicle in meeting the demands imposed by the response.

**LOG** - Addresses limitations on the extent of the desired response imposed by logistical factors.

**PER** - Details qualitative factors applicable to the Coast Guard personnel performing the response. A group rating focusing on manning, training, crew fatigue, and medical factors affecting response effectiveness of the respective resource.

**ENV** - Details response limitations imposed by environmental factors, primarily weather.

**DURATION (HRS)**

**ADM** - Administrative duties specifically associated with the incident, including contracting actions.

**REM** - Removal (actual clean-up activity)

**INV** - Investigation

**SPV** - Supervise clean-up (only applicable to Federally-Funded Responses)

**MON** - Monitor clean-up operations by responsible party

**TABLE V-5. CODE VALUES FOR MPRC**

**(1) VERIFICATION**

V	VERIFY
K	KILL

**(2) RESPONDING RESOURCES**

11	AUTO	12	TRUCK/VAN
21	HC-130	24	H-25A
25	HH-52	26	HH-3F
27	HH-65	29	OTHER A C
30	UTB	31	UTM
32	UTL/SK	33	MLB
34	SRB	35	MSB
36	TACWAN/TANB	37	PWB
38	ANB 55FT	39	OTHER NON-SHIPS BOAT
40	WHEC	41	WMEC
42	WPB	43	WLB, WLM
44	WYTM, WYTL	45	WAGB, WTGB
46	OTHER CUTTERS	90	REGULAR PERSONNEL
91	RESERVE PERSONNEL	97	OTHER PERSONNEL

**(3) MISSION PERFORMANCE FACTORS - RESOURCE**

00	Resource & equipment adequate	01	Mechanical
02	Communications	03	Navigational
04	NEC		

**(4) MISSION PERFORMANCE FACTORS - LOGISTICS**

30	No logistics problems	31	Low on fuel
32	Inadequate cleanup	33	Insufficient cleanup
34	NEC		

**(5) MISSION PERFORMANCE FACTORS - PERSONNEL**

20	Personnel adequate	21	Inadequate crew manning
22	Crew inexperience	23	Inadequate training
24	Crew fatigue	25	Medical (injury, sick)
26	Combination of above factors	29	Other

**(6) MISSION PERFORMANCE FACTORS - ENVIRONMENTAL FACTOR**

40	Was not a factor	41	Debris/Ice
42	Excessive current/wind	43	Extreme foul weather (Hurricanes, tornados, blizzards, etc.)
44	NEC		

MPRC	Entry	Filing A New Coast Guard Response Report
------	-------	--

### STEP 1

- Enter the number of Coast Guard Reponse Reports desired
- COMMAND:SEL,3

SEND

COMMAND/ SEL,3 RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS  
 MPR 1- 32 OF 32 MARINE POLLUTION INCIDENT REPORT 01JAN85

CASE NUMBER../ MP85000001 PORT/ BCL OSC AGENCY/ EPA EPA REGION../ 10  
 DATE CLOSED../ 01JAN85 VALIDATED(X)/ CTF INV/ SP NOTIFY../ 01JAN85

SUBJECT/ COLLISION:CHERRY ST BRIDGE  
 REPORTED BY../ LOCAL AGENCY NAME/ TOLEDO POLICE PHONE/ 419-444-1000  
 DATE REPORTED/ 01JAN85 TIME REPORTED/ 1000  
 DATE OF SPILL/ 01JAN85 TIME OF SPILL/ 0030 CASUALTY CASE REF/ 01JAN85

---INCIDENT LOCATION---  
 BODY OF WATER/ MAUMEE RIVER  
 RIVER MILE../ 5.0 (OR) LATITUDE../ N 40-45.0  
 LONGITUDE../ W 81-35.0  
 CITY../ TOLEDO STATE../ OH  
 CLEAN UP ACT./ CLEAN-UP PERF REMOVAL PARTY/ PARTY NEC

---FEDERAL COST INFORMATION---  
 PROJECT NUMBER./ G389500000 PROJECT TYPE/ 311-K  
 AUTH CEILING(S)/ 9000 FUNDS EXPENDED(S)/ 8428 TOT COST(S)/ 8429

---GENERAL CASE DESCRIPTION---  
SHIP WITH CHEMICAL CARGO HIT CHERRY ST BRIDGE, AND A TANK TRUCK FELL OFF THE BRIDGE.

---SUPPLEMENTAL DETAILS REPORTED---  

KEY	TYPE	NUMBER
1	VESSEL SOURCES.....(MPVS)	1
2	NON-VESSEL SOURCES.....(MPNS)	1
3	CG UNIT RESPONSE REPORTS (MPRC)	1
4	NON-CG RESPONSE REPORTS (MPRN)	1

### STEP 2

- MSIS responds with a blank form for the Coast Guard Response Report

COMMAND/ SEL,3 RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRC 1- 16 OF 16 MARINE POLLUTION RESPONSE REPORT - CG UNITS 01JAN85

CASE/ MP85000001  
 KEY MORE TO FILE NEW SUPPL

--- UNIT RESPONSE ACTIVITIES --- VERIFICATION(V,K)/ 01JAN85  
 OFFAC ID/ 01 NOTIFIED: DATE/ 01JAN85 TIME/ 1000

--- RESOURCES UTILIZED ---  

RESPONDING RESOURCE	MISSION PERF. FACTORS--				DURATION(HRS)-----				
	RES	LOG	PER	ENV	ADM	REM	INV	SPV	MON
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1

MPRC Entry Filing A New Coast Guard Response Report

### STEP 3

- Enter the OPFAC ID and Date and Time Notified
- Enter the Responding Resource data--MSIS gives the user 5 lines for initial entry

SEND

```

COMMAND/ _____ RESPONSE/ PLS ENTER YOUR RESPONSE
MPRC 1- 16 OF 16 MARINE POLLUTION RESPONSE REPORT - CG UNITS 01JAN85

CASE/ MP85PR0001
KEY MOPE TO FILE NEW SUPPL

--- UNIT RESPONSE ACTIVITIES --- VERIFICATION(V,K)/ V

OPFAC ID/ 98-00099 NOTIFIED: DATE/ 01JAN85 TIME/ 1000

--- RESOURCES UTILIZED ---
--MISSION PERF. FACTORS--
RESPONDING RESOURCE RES LOG PER ENV ADM REM INV SPV MON
40 _____ 00 30 20 40 _____ 40 16.5 _____ 40
91 _____ 00 30 21 40 _____ 200 160 _____ 34.5
_____
_____
_____
_____
_____

```

### STEP 4

- MSIS responds with a confirmation message

SEND

```

COMMAND/ _____ RESPONSE/ MSIS NEXT ON QUEUE
MPRC 1- 3 OF 3 MARINE POLLUTION RESPONSE REPORT - CG UNITS 01JAN85

CASE/ MP85PR0001
PROD COMPLETED SUCCESSFULLY

```

MPRC Entry Filing A New Coast Guard Response Report

**E. MARINE POLLUTION NON-COAST GUARD RESPONSE REPORT - MPRN**

1. MPRN PURPOSE AND DESCRIPTION

Provides a consolidated recording of resources utilized by non-Coast Guard units participating in a pollution case.

Figure V-9 shows MPRN as it appears on the terminal.

2. ACCESSING MPRN

a. MENU

MPRN can be accessed from MPEI in update mode and MPRI in retrieval mode.

b. FREE FORM

MPRN can be accessed through free-form with:

**-MPRN,E,U, or R,CASE=<CASE NUMBER>**

where:

E = entry mode

U = update mode

R = retrieval mode

CASE NUMBER = valid MSIS case number

EXAMPLE:

**-MPRN,U,CASE=MP84000555**

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRN 1- 8 OF 8 MARINE POLLUTION RESPONSE REPORT-NON-CG UNITS 01JAN85  
 CASE/ MP85000001

-- NON-CG RESPONSE ACTIVITIES -- VERIFICATION \_

CLASS	---NOTIFIED---		-----ROLE IN RESPONSE-----				
	DATE	TIME	ADMIN	CONTAIN,REMOVE	INVEST.	SUPERVISE	MONITOR
_____	_____	_____	-	-	-	-	-
_____	_____	_____	-	-	-	-	-
_____	_____	_____	-	-	-	-	-
_____	_____	_____	-	-	-	-	-
_____	_____	_____	-	-	-	-	-

FIGURE V-9. MARINE POLLUTION NON-COAST GUARD  
 RESPONSE REPORT--BLANK FORM



c. SELECTION FROM OTHER PRODUCTS

MPRN can be accessed from MPIR.

In entry mode, MPRN normally is accessed from MPIR. This is done by entering the number of MPRN reports desired in the appropriate blank under SUPPLEMENTAL DETAILS REPORTED on the MPIR. The user then enters "**SEL, 4**" in the COMMAND line.

3. MPRN DATA ENTRY REQUIREMENTS AND EXPLANATION

Only one MPRN can exist for a case. All non-Coast Guard units participating in the case are reported on one MPRN.

In entry mode, MPRN will display the number of lines designated in the controlling MPIR for entering the CLASS of the non-Coast Guard unit. All data slots can be used for entry. CLASS is entered as a code value; MSIS responds with the full CLASS type. The ROLE IN RESPONSE is indicated by placing an "X" in the appropriate role type. More than one role can be entered for each CLASS.

In update, all data can be changed or new/ additional data added. One additional blank line is presented in order to add an additional CLASS.

MPRN is verified by placing a "V" in the VERIFICATION slot. This invokes the verification edits. For verification, the following data are required:

CLASS  
DATE  
TIME  
ROLE - at least one.

A CLASS can be deleted from MPRN by blanking out all data for that CLASS. Other entries on MPRN remain on the Response Report.

MPRN must be verified before the MPIR can be validated.

#### 4. MPRN DATA DEFINITIONS

Figure V-10 shows the data definitions for MPRN.  
Table V-6 shows the data code values for MPRN.

#### 5. MPRN USES

The use of MPRN is shown in the following example sequence: Filing a New Non-Coast Guard Response Report.

COMMAND/ \_\_\_\_\_ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRN 1- 8 OF 8 MARINE POLLUTION RESPONSE REPORT-NON-CG UNITS 01JAN85  
 CASE/ MP85000001

-- NON-CG RESPONSE ACTIVITIES -- VERIFICATION/(1) \*\*

CLASS	---NOTIFIED---		-----ROLE IN RESPONSE-----				
	DATE	TIME	ADMIN	CONTAIN,REMOVE	INVEST.	SUPERVISE	MONITOR
(2) *	CD # *	MT *	X ##	X ##	X ##	X ##	X ##
_____	_____	_____	-	-	-	-	-
_____	_____	_____	-	-	-	-	-
_____	_____	_____	-	-	-	-	-
_____	_____	_____	-	-	-	-	-

- \* Field must be filled in on initial entry.
- \*\* Field must be filled in before verification.
- # Date Notified must not be later than the current date nor earlier than the Date Spilled on MPIR.
- ## At least one Role must be filled in on initial entry.

Numbers in fields correspond to numbers on the lists of available codes that follow.

FIGURE V-10. DATA DEFINITIONS FOR MPRN

TABLE V-6. CODE VALUES FOR MPRN

(1) VERIFICATION

V      VERIFY

(2) CLASS

E	EPA	S	STATE
L	LOCAL	P	CONTR
O	OTHER		

MPRN	Entry	Filing A New Non-Coast Guard Response Report
------	-------	--

## STEP 1

- Enter the number of Non-Coast Guard Response Reports desired

- COMMAND:SEL,4

SEND

COMMAND/ SEL,4 RESPONSE/ KEY "SEL,1,2...." FOR DETAILS  
 MPRN 1- 32 OF 32 MARINE POLLUTION INCIDENT REPORT 01JAN85

CASE NUMBER../ MP8500001 PORT/ BCL OSC AGENCY/ EPA EPA REGION../ 10  
 DATE CLOSED../ VALIDATED(X)/ CTF/ INV/ SF NOTIFY../

SUBJECT/ COLLISION:CHERRY ST BRIDGE  
 REPORTED BY../ LOCAL AGENCY NAME/ TOLEDO POLICE PHONE/ 419-644-1000  
 DATE REPORTED/ 01JAN85 TIME REPORTED/ 1000  
 DATE OF SPILL/ 01JAN85 TIME OF SPILL/ 0830 CASUALTY CASE REF/

---INCIDENT LOCATION---  
 BODY OF WATER/ MAUMEE RIVER  
 RIVER MILE../ 5.0 (OR) LATITUDE../ N 40-45.0  
 CITY../ TOLEDO LONGITUDE../ W 83-35.0  
 CLEAN UP ACT./ CLEAN-UP PERF STATE../ OH  
 REMOVAL PARTY/ PRPT NEC

---FEDERAL COST INFORMATION---  
 PROJECT NUMBER../ G38950000 PROJECT TYPE/ 311-K  
 AUTH CEILING(\$)/ 9000 FUNDS EXPENDED(\$)/ 8428 TOT COST(\$)/ 8428

---GENERAL CASE DESCRIPTION---  
 SHIP WITH CHEMICAL CARGO HIT CHERRY ST BRIDGE, AND A TANK TRUCK FELL  
 OFF THE BRIDGE.

---SUPPLEMENTAL DETAILS REPORTED---  

KEY	TYPE	NUMBER
1	VESSEL SOURCES.....(MPVS)	1
2	NON-VESSEL SOURCES.....(MPNS)	1
3	CG UNIT RESPONSE REPORTS (MPRC)	1
4	NON-CG RESPONSE REPORTS (MPRN)	2

## STEP 2

- MSIS responds with a blank form for the Non-Coast Guard Response Report
- Note that each line is a "Report", so MSIS gives the user two lines, one for each report

COMMAND/ RESPONSE/ PLS ENTER YOUR RESPONSE  
 MPRN 1- 8 OF 8 MARINE POLLUTION RESPONSE REPORT-NON-CG UNITS 01JAN85  
 CASE/ MP8500001 -- NON-CG RESPONSE ACTIVITIES -- VERIFICATION --

---NOTIFIED---ROLE IN RESPONSE---  
 CLASS DATE TIME ADMIN CONTAIN,REMOVE INVEST. SUPERVISE MONITOR

== == == - - - - -

MPRN Entry Filing A New Non-Coast Guard Response Report

### STEP 3

- Enter the response report data

SEND

```

COMMAND/ _____ RESPONSE/ PLS ENTER YOUR RESPONSE
MPRN 1- 8 OF 8 MARINE POLLUTION RESPONSE REPORT-NON-CG UNITS 01JAN85
CASE/ MPR5000001 -- NON-CG RESPONSE ACTIVITIES -- VERIFICATION Y

---NOTIFIED---
CLASS DATE TIME ADMIN CONTAIN,REMOVE INVEST. SUPERVISE MONITOR
L 01JAN85 1000 X X - -
E 01JAN85 1000 X - X -
  
```

### STEP 4

- MSIS responds with a confirmation message

SEND

```

COMMAND/ _____ RESPONSE/ MPEI NEXT ON QUEUE
MPRN 1- 3 OF 3 MARINE POLLUTION RESPONSE REPORT-NON-CG UNITS 01JAN85
CASE/ MPR5000001
PROD COMPLETED SUCCESSFULLY
  
```

MPRN Entry Filing A New Non-Coast Guard Response Report

## **VI. MARINE POLLUTION LOGS**

The Marine Pollution fragment includes three logs that show basic information about a pollution case. Two of these logs are specific to the case load of a port. The third log is a vessel log that shows information about pollution incidents associated with a specific vessel. Each of these logs and its use is described below.

### **A. MARINE POLLUTION STATUS AT PORT - MPSP**

#### **1. MPSP PURPOSE AND DESCRIPTION**

Provides a list of all pollution cases under investigation by a unit, where the cases have not been validated.

Figure VI-1 shows MPSP as it appears on the terminal.

#### **2. ACCESSING MPSP**

##### **a. MENU**

MPSP can be accessed from either MPEI or MPRI.

##### **b. FREE FORM**

MPSP can be accessed by the originating port through free-form with:

**-MPSP, U or R, NITEMS=<NN>**

where:

U = update mode

R = retrieval mode

NN = number of items to be displayed

EXAMPLE:

**-MPSP,U,NITEMS=4**

COMMAND/ \_\_\_\_\_ RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS  
MPSP 1- 35 OF 35 MARINE POLLUTION STATUS AT PORT 01JAN85

PORT/ BCL LOG CRITERIA: FROM/ TO/ NITEMS/ 0

---CURRENT OPEN CASE LOG ---

SFL KEY	CASE NUMBER	SPILL DATE	SOURCE NAME	SUBJECT	INVEST.
1.	MP85000001	01JAN85	EXXON #123	COLLISION:CHERRY ST BRIDGE	JGE
2.	MP84000109	31DEC84	LIGHTHOUSE 10	SPILL AT LAKE ERIE	SP
3.	MP84000092	26DEC84	ALIAS TOM SWIFT	BROKE MOORING, RAMMED PIER	GLY
4.	MP84000052	20DEC84	JOES BAR AND GRILL	GREASE SPILL	SP

FIGURE VI-1. MARINE POLLUTION STATUS AT PORT LOG - MPSP



MPSP for other ports can be accessed through free-form with:

**-MPSP,R,UNIT=<UNIT CODE>,NITEMS=<NN>**

where:

R = retrieval mode

UNIT CODE = MSIS port code

NN = number of lines to be displayed

EXAMPLE:

**-MPSP,R,UNIT=MILMS,NITEMS=5**

c. SELECTION FROM OTHER PRODUCTS

MPSP can not be accessed from other products.

3. MPSP DATA ENTRY REQUIREMENTS AND EXPLANATION

MPSP can be entered in either update or retrieval mode. When entered from either MPEI or MPRI, the FROM and TO dates may be used to restrict the number of cases displayed.

- (1) If the FROM date is specified, then only cases dated on, or later than, the FROM date will be displayed.
- (2) If the TO date is specified, then only cases dated on, or before, the TO date will be displayed.
- (3) If the FROM and TO dates are specified, then cases occurring on or between the dates will be displayed.

In update mode, a specific case, or cases, can be selected from MPSP. Selecting a case from MPSP invokes the associated MPIR in update mode. This allows the user to "queue" up several cases for updating. Only the originating unit for the case can use MPSP in update mode.

4. MPSP DATA DEFINITIONS

None.

5. MPSP USES

None shown.

## **B. MARINE POLLUTION PORT LOG - HPPL**

### **1. MPPL PURPOSE AND DESCRIPTION**

Provides a list of all pollution cases, for a port, that have been validated.

Figure VI-2 shows MPPL as it appears on the terminal.

### **2. ACCESSING MPPL**

#### **a. MENU**

MPPL is normally accessed through MPRI.

#### **b. FREE FORM**

MPPL can be accessed by the originating port through free-form with:

**-MPPL,R, NITEMS=<NN>**

where:

R = retrieval mode

NN = number of items to be displayed

EXAMPLE:

**-MPPL,R,NITEMS=6**

Other units can access MPPL through free-form with:

**-MPPL,R,UNIT=<UNIT CODE>,NITEMS=<NN>**

where:

R = retrieval mode

UNIT CODE = desired unit's port code

NN = number of lines to be displayed

EXAMPLE:

**-MPPL,R,UNIT=TOLMS,NiTEMS=2**

COMMAND/ \_\_\_\_\_ RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS  
 MPPL 1- 38 OF 38 MARINE POLLUTION PORT LOG 01JAN85

PORT/ BCL CRITERIA: FROM/ TO/

--- CURRENT CLOSED CASE LOG ---

SEL KEY	CASE NUMBER	SPILL DATE	SOURCE NAME	VIN OR LOCAL ID	SUBJECT
1.	MP84000100	31DEC84	LUCKY LADY	CG000003	SPILL DURING TANK CLEANING
2.	MP84000082	28DEC84	UNKNOWN SOURCE	UNKNOWN	COLLISION:CHERRY ST BRIDGE
3.	MP84000068	13NOV84	SPECIAL SERVICE	CG000010	DUMPED GARBAGE
4.	MP84000061	10NOV84	JOE'S BAR AND GRI	X43566	REALLY BIG SPILL
5.	MP84000054	01NOV84	TOMATOE	CG000002	COLLISION OF TWO BARGES

FIGURE VI-2. MARINE POLLUTION PORT LOG - MPPL

c. SELECTION FROM OTHER PRODUCTS

MPPL can not be accessed from other products.

3. MPPL DATA ENTRY REQUIREMENTS AND EXPLANATION

MPPL can only be accessed in retrieval mode.

When entered from MPRI, the FROM and TO dates may be used to restrict the number of cases displayed.

- (1) If the FROM date is specified, then only cases dated on, or later than, the FROM date will be displayed.
- (2) If the TO date is specified, then only cases dated on, or before, the TO date will be displayed.
- (3) If the FROM and TO dates are specified, then cases occurring on or between the dates will be displayed.

Selecting a case (SEL KEY), or cases, accesses the associated MPIR in retrieval mode.

4. MPPL DATA DEFINITIONS

None.

5. MPPL USES

None shown.

## C. VESSEL FILE MARINE POLLUTION INCIDENT LOG - VFMP

### 1. VFMP PURPOSE AND DESCRIPTION

Provides a listing of all pollution cases in which a specified vessel has been verified as a source. It shows both open and closed cases.

Figure VI-3 shows VFMP as it appears on the terminal.

### 2. ACCESSING VFMP

#### a. MENU

VFMP can be accessed from either MPRI or VFRI (Vessel File Retrieval Index).

#### b. FREE FORM

VFMP can be accessed through free-form with:

**-VFMP,U or R,VIN=<VIN>**

where:

U = update mode

R = retrieval mode

VIN = vessel identification number

EXAMPLE:

**-VFMP,U,VIN=Cg000028**

#### c. SELECTION FROM OTHER PRODUCTS

VFMP can not be accessed from other products.

### 3. VFMP DATA ENTRY REQUIREMENTS AND EXPLANATION

There are no data entry requirements for VFMP. VFMP may be accessed in retrieval mode by any unit. When accessed through MPRI, the FROM (SINCE) date may be used

COMMAND/ \_\_\_\_\_ RESPONSE/ HIT 'SEND' FOR CLOSED CASES  
 VFMP 1- 8 OF 8 VESSEL FILE MARINE POLLUTION INCIDENT LOG 01JAN85

NAME/ OWENS VENTURE VIN/ CG000085 CALL/ GMK7011 FLAG/ US

--- OPEN MARINE POLLUTION CASES ---

SEL KEY	CASE NUMBER	DATE	PORT	SUBJECT
1.	MP85000001	01JAN85	BCL	COLLISION:CHERRY ST BRIDGE

COMMAND/ \_\_\_\_\_ RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS  
 VFMP 1- 15 OF 15 VESSEL FILE MARINE POLLUTION INCIDENT LOG 01JAN85

NAME/ OWENS VENTURE VIN/ CG000085 CALL/ GMK7011 FLAG/ US

TOTAL INCIDENTS ON FILE/ 7 SINCE/

--- CLOSED MARINE POLLUTION CASES ---

SEL KEY	CASE NUMBER	SPILL DATE	SUBSTANCE PORT	AMOUNT NAME	OPERATION
1.	MP84000086	20DEC84	HMRMS	ACETIC ACID	9 T NO OPERATION IN PROG

FIGURE VI-3. VESSEL FILE MARINE POLLUTION INCIDENT LOG - VFMP

to restrict the number of cases displayed. Only cases dated on, or later than, the FROM (SINCE) date will be displayed. Any of the listed cases can be individually selected. Selecting a case accesses the associated MPIR. For open cases, the case-originating unit may select a case(s) in update mode.

4. VFMP DATA DEFINITIONS

None.

5. VFMP USES

The use of VFMP is illustrated in the following example sequence: Using the Vessel File Marine Pollution Incident Log.



VFMP	Retrieval	Using the Vessel File Marine Pollution Incident Log
------	-----------	---

### STEP 1

- Enter the VIN and FROM - TO dates and NITEMS if desired
- COMMAND:SEL,12

SEND

COMMAND/ SEL,12 RESPONSE/ PLS ENTER YOUR RESPONSE  
MPRI 1- 26 OF 26 MARINE POLLUTION RETRIEVAL INDEX 01JAN85

--- SUPPLY ALL APPROPRIATE DATA ---

POLLUTION CASE/ VIOL. REPORT NR/ VIOL. CASE/ \_\_\_\_\_  
PORT/ LOG CRITERIA: FROM/ TO/ NITEMS/ \_\_\_\_\_  
VESSEL NAME/ VIN/ CG000005 CALL/ \_\_\_\_\_ FLAG/ \_\_\_\_\_

--- SUBJECT OF INTEREST --- (SELECT)

MARINE POLLUTION INFORMATION:

POLLUTION INCIDENT REPORT.....(MPRI)	1
VESSEL SUPPLEMENT.....(MPVS)	2
NON-VESSEL SOURCE SUPPLEMENT.....(MPWS)	3
CC RESPONSE REPORT.....(MPRC)	4
NON-CG RESPONSE REPORT.....(MPRN)	5

MARINE VIOLATION INFORMATION:

VIOLATION REPORT AND RECOMMENDATION.....(MVRR)	6
VIOLATION CASE DESCRIPTION.....(MVCD)	7

PORT LOGS:

OPEN POLLUTION CASES FOR PORT.....(MPSP)	8
CLOSED POLLUTION CASES FOR PORT.....(MPPL)	9
OPEN VIOLATION REPORTS FOR PORT.....(MVRS)	10
CLOSED VIOLATION REPORTS FOR PORT.....(MVRL)	11

VESSEL LOGS:

VESSEL POLLUTION LOG.....(VFMP)	12
VESSEL VIOLATION LOG.....(VFVL)	13
VESSEL DESCRIPTIVE INFORMATION.....(VFRI)	14

### STEP 2

- MSIS responds with a list of current open cases for the vessel. The user may view an individual case by selecting from the list
- Note the response line

SEND

COMMAND/ \_\_\_\_\_ RESPONSE/ HIT 'SEND' FOR CLOSED CASES  
VFMP 1- 8 OF 8 VESSEL FILE MARINE POLLUTION INCIDENT LOG 01JAN85

NAME/ OWENS VENTURE VIN/ CG000005 CALL/ GMK7011 FLAG/ US

--- OPEN MARINE POLLUTION CASES ---

SEL KEY	CASE NUMBER	DATE	PORT	SUBJECT
1.	MP85000001	01JAN85	BCL	COLLISION:CHERRY ST BRIDGE

## Pollution Incident Log

### STEP 3

- MSIS responds with a list of current closed cases for the vessel

```
COMMAND/ _____ RESPONSE/ KEY "SEL,1,2,..." FOR DETAILS
VFMP 1- 15 OF 15 VESSEL FILE MARINE POLLUTION INCIDENT LOG 01JAN85
NAME/ OWENS VENTURE VIN/ CG000085 CALL/ GMR7011 FLAG/ US
TOTAL INCIDENTS ON FILE/ 7 SINCE/
--- CLOSED MARINE POLLUTION CASES ---
SEL CASE SPILL SUBSTANCE AMOUNT
KEY NUMBER DATE PORT NAME SPILLED UNITS OPERATION
1. MP84000086 20DEC84 HHRMS ACETIC ACID 9 T NO OPERATION IN PROG
```

VFMP Retrieval Using the Vessel File Marine  
Pollution Incident Log

## CHAPTER 7. MARINE POLLUTION ADMINISTRATION

- A. General. There is one product which aids in the general administration of Marine Pollution activities. This product, Marine Pollution Field Information (MPFI), provides a means for GMER to supply pollution information to the field offices.

7. B. Marine Pollution Field Information -- MPFI.

1. MPFI Purpose and Description.

- a. Provides a means for Headquarters GMER to supply pollution information to the field offices.
- b. Figure 7-1 shows the data definitions for MPFI. See Enclosure (1) for the abbreviation meanings.

2. Accessing MPFI.

- a. Menu. MPFI is normally accessed through MPEI by Headquarters and field staff.
- b. Free-Form. MPFI can be accessed through free-form with:

**-MPFI,<E, U, or R>**

where:

E = entry mode

U = update mode

R = retrieval mode

EXAMPLE:

**-MPFI,R**

**Note:** MPFI can be free-formed in **E(ntry)** and **U(pdae)** modes by GMER staff only. Both Headquarters and field staff can free-form MPFI in **R(etrieval)** mode.

- c. Selection From Other Products. MPFI is not accessed from other products.
- d. Product Use Authority Levels.  
Retrieval - 1    Entry/Update - 2 and GMER  
Kill Information - 4 and GMER

3. MPFI Data Entry Requirements and Explanation.

- a. General Processing. MPFI is accessed from MPEI by GMER staff to enter pollution information for the field. In **E(ntry)** mode, MPFI responds with a slot for current image lines and a slot for the total lines required for the field information. (The total number of lines allowed by MPFI is 99.) The user enters the total number of lines required and presses **SEND**. MPFI responds with the requested number of blank lines, and the user then enters the message(s)

- 7.B.3.a. (cont'd) desired. In U(pdate) mode, MPFI shows the number of image lines currently being displayed and requests the total number of lines required, including the current information. (The total number of lines equals the number of lines currently being used plus the number of lines for the new information.) The user enters the total number of lines required and presses **SEND**. MPFI displays the current information plus the extra lines requested for the new information. The user then enters the desired message(s). Existing lines of information may be deleted by blanking them out.

In **R(etrieval)** mode, MPFI displays the pollution field information as it has been entered by Headquarters staff.

The entire text of a field information screen may be deleted by a user in R(etrieval) mode, provided he/she is logged into MSIS with the unit code of GMER and has a password authority access level of four (4) or greater. If authority exists, the message "KEY KILL TO DELETE INFORMATION" will appear in the Response Slot when the field information image is displayed. The word **KILL** may be typed in the Command Slot and sent. This removes all previously saved text.

- b. Special Processing. Each time MPFI is entered or updated, the data slot on the MSIS Directory that appears along side of the MPFI listing is changed to the current system date. This date is not modified if MPFI is called in **E(ntry)** or **U(pdate)** mode and sent without changing any of the text. Should the user change the text and then change it back to the original text, this is interpreted as modification and the date of update will change to the current system date. When MPFI is killed, the date in the update data slot on the MSIS Directory is blanked out.

SCREEN 1

COMMAND / \_\_\_\_\_ RESPONSE/PLS ENTER YOUR RESPONSE  
MPFI MARINE POLLUTION FIELD INFORMATION 03DEC87  
CURRENT FIELD INFORMATION REQUIRES 0 IMAGE LINES. PLEASE ENTER TOTAL LINE  
ESTIMATE FOR NEW FIELD INFORMATION./ 1

SCREEN 2

COMMAND / \_\_\_\_\_ RESPONSE/PLS ENTER YOUR RESPONSE  
MPFI MARINE POLLUTION FIELD INFORMATION 03DEC87  
--- FIELD INFORMATION ---  
**NARR**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

FIGURE 7-1. DATA DEFINITIONS FOR MPFI

**APPENDIX A**

**DATA DEFINITION ABBREVIATION MEANINGS**

The abbreviations used in the data definition screens are defined as follows:

- CD** = Calendar date. Standard date format is DDMONYR (day's date, 2 col.; month, 3 col.; and year, 2 col.); e.g., 28SEP86. This is an edit value and must be entered in that form.
- CID** = Cargo Identification Code. This is the three letter CHRIS code used to identify chemicals in MSIS.
- CIN** = Class Identification Number. If assigned by MSIS, this number is in the format of SCxxxxxx where SC stands for Special Class and xxxxxx is a sequential number; for example, SC000201.
- CN** = Case Number. Standard format is XXYRxxxxxx where XX is the 2 character product set prefix, YR is the year and xxxxxx is a sequential number assigned by MSIS; for example, PS86000001. Product set prefixes include MI, VD, MV, MC, MP, PS, and VR.
- CT** = Standard clock time; e.g., 12:57AM or 4:30PM. Note that colons are required, spaces are not allowed, and "AM" and "PM" must be added.
- D** = Decimal string. May be placed anywhere in the field. If no decimal point is given, MSIS will insert one at the end of the string.
- ENID** = Encumbrance Identification.
- FIN** = Facility Identification Number. A unique number assigned to each facility by GMVI. The number is in the form of Pxxxxxxx where P stands for platform and xxxxxxx is the platform's number as designated by the Mineral Management Service.
- I** = Integer string. May be placed anywhere in the field.
- IPN** = Involved party identification number. This number is in the form of IPYRxxxxxx where IP is Involved Party, YR is the year and xxxxxx is a sequential number assigned by MSIS; for example, IP86000001.
- LIT** = Literal, faithful copy of something; i.e., name, serial number, etc. MSIS will not edit these entries and accuracy is necessary for proper interpretation and analysis.

- MBOX** = Mailbox number. Standard format is MBYRxxxxxx where MB is mailbox, YR is the year and xxxxxx is a sequential number assigned by MSIS; for example, MB86004082.
- MT** = Military time. Standard 24-hour clock time; e.g., 1520 = 3:20 p.m. Elapsed time is also entered in the same form; e.g., 1 hour and 15 minutes = 0115. Note that no colons or spaces are included. NOTE - MSIS uses 0000 rather than 2400.
- NARR** = Narrative entry. Enter data or comments in a free-form manner. MSIS places no restrictions on data or comment contents.
- NEC** = Not elsewhere classified, i.e., none of the above.
- PORT** = Standard port/unit identifiers.
- QCLASS** = Subchapter Q Class Number. This is the first seven characters of a Subchapter Q Number. All zeros normally appearing in the number and the decimal point (.) must be included when accessing MSIS products; for example, 161.045.
- QNUM** = Subchapter Q Number. QNUM is a number that may be 12, 13, 15, or 16 characters long, depending on whether the number refers to a primary label or private label supplier. The following are acceptable formats for QNUM, with x being equal to a digit and A being the private label identifier:
- |                  |                                 |
|------------------|---------------------------------|
| xxx xxx/xxxx     | Primary label supplier          |
| xxx xxx/xxxx/xx  | Primary label supplier with mod |
| xxx xxx/Axxxx    | Private label supplier          |
| xxx xxx/Axxxx/xx | Private label supplier with mod |
- All zeros normally appearing in the number must be included when accessing MSIS products; for example, 161.123/0233.
- UID** = User identifier.
- VIN** = Vessel Identification Number. If assigned by MSIS, it is in the form of CgXXXXXX where xxxxxx is a sequential number. A VIN may also have the prefixes D and L. Both of these have a seven digit number.
- X** = Checkmark. X or blank is allowed. NOTE - Blank is not allowed for validation for some fields.
- Y** = Yes/No standard, Y or N or blank is allowed. NOTE - Blank is not acceptable for PENALTY ACTION slots.



## APPENDIX B

### PORT CODES

**PORT CODES**

<b><u>CODE</u></b>	<b><u>EXPLANATION</u></b>
GMP	CG HEADQUARTERS (G-MP-4)
GMMI	(G-MMI)
GMTH	(G-MTH)
GMVI	(G-MVI)
GMVD	(G-MVD)
GMPS	(G-MPS)
GMER	(G-MER) PA COMMANDER, PACIFIC AREA
NRC	(G-TGC) NSFLT ATLANTIC AREA STRIKE TEAM
GTDS	(G-TDS) NSFPT PACIFIC AREA STRIKE TEAM
GMSC	MARINE SAFETY CENTER
MSS	MARINE SAFETY SCHOOL
01M	COMMANDER, FIRST Cg DISTRICT (M)
BOSMS	MSO BOSTON, MA
BOSVD	VESDOC, BOSTON, MA
POMMS	MSO PORTLAND, ME
BAND	MSO BANGOR, ME
PROMS	MSO PROVIDENCE, RI
CODD	MSO CAPE COD, MA
NYCMI	MIO NEW YORK, NY
NYCVD	VESDOC NEW YORK, NY
NLOD	MIDET NEW LONDON, CT
LISCP	COTP LONG ISLAND SOUND, CT
LISD	PSD NEW LONDON, CT
NYCCP	COTP NEW YORK, NY
02M	COMMANDER, SECOND CG DISTRICT (M)
HUNMS	MSO HUNTINGTON, WV
MARD	MSD MARIETTA, OH
LOUMS	MSO LOUISVILLE, KY
EVND	MSD EVANSVILLE, TN
CIND	MSD CINCINNATI, OH
MEMMS	MSO MEMPHIS, TN
GRND	MSD GREENVILLE, MS
PADMS	MSO PADUCAH, KY
NASD	MSD NASHVILLE, TN
DECD	MSD DECATUR, AL
PITMS	MSO PITTSBURG, PA
SLMMS	MSO ST. LOUIS, MO
SLMVD	VESDOC ST. LOUIS, MO
PEOD	MSD PEORIA, IL
STPD	MSD MINN./ST. PAUL
DAVD	MSD DAVENPORT, IA

**PORT CODES** (Continued)

<b><u>CODE</u></b>	<b><u>EXPLANATION</u></b>
05M	COMMANDER, FIFTH CG DISTRICT (M)
BALMS	MSO BALTIMORE, MD
HMRMS	MSO HAMPTON ROADS, VA
HMRVD	VESDOC HAMPTON ROADS, VA
WNCMS	MSO WILMINGTON, NC
MHCD	MSD MOREHEAD CITY, NC
PHIMS	MSO PHILADELPHIA, PA
PHIVD	VESDOC PHILADELPHIA, PA
PHICP	COTP PHILADELPHIA, PA
07M	COMMANDER, SEVENTH CG DISTRICT (M)
CHAMS	MSO CHARLESTON, SC
JACMS	MSO JACKSONVILLE, FL
MIAMS	MSO MIAMI, FL
MIAVD	VESDOC MIAMI, FL
KEYD	MSD KEY WEST, FL
SJPMS	MSO SAN JUAN, PR
PTPD	MSD PORT PONCE, PR
STTD	MSD ST. THOMAS, USVI
SAVMS	MSO SAVANNAH, GA
TAMMS	MSO TAMPA, FL
08M	COMMANDER, EIGHTH CG DISTRICT (M)
CORMS	MSO CORPUS CHRISTI, TX
BRND	MSO BROWNSVILLE, TX
GALMS	MSO GALVESTON, TX
MOBMS	MSO MOBILE, AL
PATMS	MSO PORT ARTHUR, TX
LKCD	MSD LAKE CHARLES, LA
HOUMI	MIO HOUSTON, TX
HOUVD	VESDOC HOUSTON, TX
MORMS	MSO MORGAN CITY, LA
HMAD	MSD HOUMA, LA
NEWMS	MSO NEW ORLEANS, LA
EBKD	MIDET EAST BANK, LA
AVND	MIDET AVONDALE
NEWVD	VESDOC NEW ORLEANS, LA
BATD	MSD BATON ROUGE, LA
HOUCP	COTP HOUSTON, TX

**PORT CODES** (Continued)

<b><u>CODE</u></b>	<b><u>EXPLANATION</u></b>
09M	COMMANDER, NINTH CG DISTRICT (M)
CLEVD	VESDOC CLEVELAND, OH
BUFMS	MSO BUFFALO, NY
ALXD	MSD ALEXANDRIA BAY, NY
CHIMS	MSO CHICAGO, IL
CLEMS	MSO CLEVELAND, OH
DETMS	MSO DETROIT, MI
DULMS	MSO DULUTH, MN
MILMS	MSO MILWAUKEE, WI
TOLMS	MSO TOLEDO, OH
SIMMI	MIO ST. IGNACE, MI
STBMI	MIO STURGEON BAY, WI
MUSCP	COTP MUSKEGON, MI
SSMCP	COTP SAULT STE MARIE, MI
11M	COMMANDER, ELEVENTH CG DISTRICT (M)
LOSMS	MSO LONG BEACH, CA
LOSVD	VESDOC LONG BEACH, CA
SBDC	MSD SANTA BARBARA, CA
SDCMS	MSO SAN DIEGO, CA
SFCMS	MSO SAN FRANCISCO, CA
SFCVD	VESDOC SAN FRANCISCO, CA
COND	MSD CONCORD, CA
13M	COMMANDER, THIRTEENTH CG DISTRICT (M)
PORMS	MSO PORTLAND, OR
PORVD	VESDOC PORTLAND, OR
ASTD	MSD ASTORIA, OR
COOD	MSD COOS BAY, OR
SEAMS	MSO SEATTLE, WA
SEAVD	VESDOC SEATTLE, WA
ANAD	MSD ANACORTES, WA
TACD	MSD TACOMA, WA
14M	COMMANDER; FOURTEENTH CG DISTRICT (M)
HONMS	MSO HONOLULU, HI
HONVD	VESDOC HONOLULU, HI
GUAD	MSD GUAM
17M	COMMANDER, SEVENTEENTH CG DISTRICT (M)
ANCMS	MSO ANCHORAGE, AK
KEND	MSD KENAI, AK
KODD	MSD KODIAK, AK
JUNMS	MSO JUNEAU, AK
UNVD	VESDOC JUNEAU, AK
KETD	MSD KETCHIKAN, AK
SITD	MSD SITKA, AK
VALMS	MSO VALDEZ, AK

**PORT CODES** (Continued)

The following section of port codes can be used as a Historical Reference. These port codes were implemented at one time, so they can appear in the PORT slot. However, they are not to be used for E(ntry) purposes.

<b><u>CODE</u></b>	<b><u>EXPLANATION</u></b>
03M	COMMANDER, THIRD CG DISTRICT (M)
12M	COMMANDER, TWELFTH CG DISTRICT (M)
AVND	AVONDALE SHIPYARD
BERD	PSD BERWICK BAY, LA
CINMS	MSO CINCINNATI, OH
GUAMS	MSO GUAM
LOSMI	MIO LONG BEACH, CA
MORD	MIDET MORGAN CITY, LA
NASMS	MSO NASHVILLE, TN
NEWCP	COTP NEW ORLEANS, LA
NEWMI	MIO NEW ORLEANS, LA
NHACP	COTP NEW HAVEN, CT
NLOCP	COTP NEW LONDON, CT
SEAMI	MIO SEATTLE, WA
STBMS	MSO STURGEON BAY, WI
STCD	MSD ST. CROIX, USVI
STPMS	MSO ST. PAUL, MN
PHIMI	MIO PHILADELPHIA, PA
GWP	(G-WP)
GWPE	(G-WPE)

APPENDIX C

CHRIS CODES

## APPENDIX C

### CHRIS CODES

AAC	-ACETIC ACID	AAD	-ACETALDEHYDE
AAE	-ALKYLENEAMINE		
AAM	-ACRYLAMIDE SOLUTION (50% OR LESS)		
AAN	-N-AMYL ALCOHOL	AAS	-SEC-AMYL ACETATE
AAT	-AMMONIUM ACETATE	ABC	-AMMONIUM BICARBONATE
ABF	-AMMONIUM BIFLUORIDE	ABM	-ACETYL BROMIDE
ABR	-ALLYL BROMIDE	ABS	-ALKYLBENZENESULFONIC ACIDS
ABZ	-AMMONIUM BENZOATE	ACA	-ACETIC ANHYDRIDE
ACB	-AMMONIUM CARBONATE	ACC	-ACETYL CHLORIDE
ACD	-ACRIDINE	ACE	-ACETYLENE
ACF	-ALLYL CHLOROFORMATE	ACH	-AMMONIUM CHROMATE
ACI	-AMMONIUM CITRATE	ACL	-ALUMINUM CHLORIDE
ACM	-AMMONIUM CARBAMATE	ACN	-ACRYLONITRILE
ACP	-ACETOPHENONE	ACR	-ACRYLIC ACID
ACT	-ACETONE	ACY	-ACETONE CYANOHYDRIN
ADA	-ADIPIC ACID	ADC	-"ALDEHYDES, C-6"
ADN	-ADIPONITRILE	AEA	-SEE CODE: AEE
AEE	-AMINOETHYL ETHANOLAMINE	AEP	-N-AMINOETHYLPIPERAZINE
AER	-"AEROTHENE (0.6% OR LESS PROPYLENE OXIDE)"		
AEX	-2-(2-AMINOETHOXY) ETHANOL	AFB	-AMMONIUM FLUOBORATE
AFM	-AMMONIUM FORMATE	AFR	-AMMONIUM FLUORIDE
AGC	-AMMONIUM GLUCONATE	AHP	-AMMONIUM HYPOPHOSPHITE
AID	-AMMONIUM IODIDE	ALA	-ALLYL ALCOHOL
ALC	-ALLYL CHLORIDE	ALD	-ALDRIN
ALF	-ALUMINUM FLUORIDE	ALM	-ALUMINUM SULFATE
ALN	-ALUMINUM NITRATE	ALS	-AMMONIUM LAURYL SULFATE
ALT	-AMMONIUM LACTATE	AMA	-AMMONIA, ANHYDROUS
AMB	-AMMONIUM MOLYBDATE	AMC	-AMMONIUM CHLORIDE
AMD	-AMMONIUM DICHROMATE	AMF	-AMMONIUM SULFITE
AMH	-AMMONIUM HYDROXIDE (<28% AMMONIA)		
AMK	-N-AMYL METHYL KETONE	AML	-N-AMYL ACETATE
AMM	-N-AMYL MERCAPTAN	AMN	-AMMONIUM NITRATE
AMP	-AMMONIUM PERCHLORATE	AMR	-AMMONIUM STEARATE
AMS	-AMMONIUM SULFATE	AMT	-AMMONIUM THIOCYANATE
AMY	-N-AMYL CHLORIDE	ANB	-AMMONIUM BROMIDE
ANI	-ISO-AMYL NITRITE	ANL	-ANILINE
ANP	-AMMONIUM NITRATE - PHOSPHATE MIX		
ANR	-AMMONIUM NITRATE SOLUTION (93% OR LESS)		
ANS	-AMMONIUM NITRATE - SULFATE MIX		
ANT	-N-AMYL NITRATE		
ANU	-AMMONIUM NITRATE, UREA SOLUTION		
AOL	-AMMONIUM OLEATE	AOX	-AMMONIUM OXALATE
APB	-AMMONIUM PENTABORATE	APC	-ANTIMONY PENTACHLORIDE
APE	-AMMONIUM PERSULFATE	APF	-ANTIMONY PENTAFLUORIDE
APO	-ARSENIC PENTAOXIDE	APP	-AMMONIUM PHOSPHATE
APS	-ACETYL PEROXIDE SOLUTION		
APT	-ANTIMONY POTASSIUM TARTRATE		
ARD	-ARSENIC DISULFIDE		
ARF	-ASPHALT BLENDING STOCKS: ROOFERS FLUX		
ARL	-ACROLEIN	ART	-ARSENIC TRISULFIDE
ASA	-ARSENIC ACID	ASC	-ANISOYL CMLORIDE

# CHRIS CODES

(Continued)

ASF	-AMMONIUM SULFIDE	ASL	-AMMONIUM SILICOFLUORIDE
ASM	-AMMONIUM SULFAMATE	ASP	-ASPHALT
ASR	-ASPHALT BLENDING STOCKS: STRAIGHT RUN RESIDUE		
ASS	-AMMONIUM SULFIDE SOLUTION (45% OR LESS)		
AST	-ARSENIC TRICHLORIDE	ASU	-AMMONIUM BISULFITE
ATA	-ACETYLACETONE	ATB	-ANTIMONY TRIBROMIDE
ATC	-ALLYL TRICHLOROSILANE	ATF	-AMMONIUM THIOSULFATE
ATH	-ANTHRACENE	ATL	-AMYL PHTHALATE
ATM	-ANTIMONY TRICHLORIDE	ATN	-ACETONITRILE
ATO	-ARSENIC TRIOXIDE	ATR	-AMMONIUM TARTRATE
ATS	-N-AMYLTRICHLOROSILANE	ATT	-ANTIMONY TRIFLUORIDE
ATV	-AMMONIUM THIOSULFATE SOLUTION (60% OR LESS)		
ATX	-ANTIMONY TRIOXIDE	ATZ	-ATRAZINE
AYA	-AMYL ACETATE, -TERT	AZM	-AZINPHOSMETHYL
BAC	-BORIC ACID	BAD	-ISO-BUTYRALDEHYDE
BAE	-BUTYRALDEHYDE (ISO, N, AND MIXTURES)		
BAF	-BUTYRALDEHYDES (CRUDE)	BAI	-ISO-BUTYL ACRYLATE
BAL	-BENZYL ALCOHOL	BAM	-N-BUTYLAMINE
BAN	-N-BUTYL ALCOHOL		
BAR	-BUTYL ACRYLATE, INH. (ISO-, N-, & MIXTURES)		
BAS	-SEC-BUTYL ALCOHOL	BAT	-TERT-BUTYL ALCOHOL
BBM	-BUTADIENE, BUTENE MIXTURE (INH) (CONT. ACETYLENES)		
BBP	-SEE CODE: BPH	BBR	-BENZYL BROMIDE
BBZ	-BROMOBENZENE	BCF	-BENZYL CHLOROFORMATE
BCL	-BENZYL CHLORIDE	BCN	-N-BUTYL ACETATE
BCP	-BOILER COMPOUND - LIQUID	BCR	-BARIUM CHLORATE
BCS	-BUTYLTRICHLOROSILANE	BCY	-BARIUM CYANIDE
BDC	-SEE CODE: BDI		
BDE	-BISPHENOL A DIGLYCIDYL ETHER		
BDI	-BUTADIENE INHIBITED	BDO	-1,4-BUTANEDIOL
BEC	-BERYLLIUM CHLORIDE	BEF	-BERYLLIUM FLUORIDE
BEM	-BERYLLIUM, METALLIC	BEN	-BERYLLIUM NITRATE
BEO	-BERYLLIUM OXIDE	BES	-BERYLLIUM SULFATE
BFA	-BUTYRALDEHYDES (CRUDE)	BGS	-"BASAGRAN SOLUTION"
BHA	-BENZENE HYDROCARBON MIXT. (W/ACETYLENES & =>10% BENZENE)		
BHB	-BENZENE HYDROCARBON MIXTURES/CONT. 10% BENZENE OR MORE		
BHC	-BENZENE HEXACHLORIDE	BHP	-TERT-BUTYL HYDROPEROXIDE
BMA	-BENZYLTRIMETHYLAMMONIUM CHLORIDE		
BMH	-BUTYL METHACRYLATE (ISO-, N-, & MIXTURES)		
BMI	-BUTYL METHACRYLATE, -ISO	BMM	-SEE CODE: DER
BMN	-N-BUTYL METHACRYLATE	BMX	-BUTANE (ISO-, N- & MIXTURES)
BNT	-BARIUM NITRATE	BNZ	-BENZENE
BOC	-BISMUTH OXYCHLORIDE	BPA	-BISPHENOL A
BPC	-BARIUM PERCHLORATE		
BPD	-BENZENE PHOSPHORUS DICHLORIDE		
BPF	-BROMINE PENTAFLUORIDE	BPH	-BUTYL BENZYL PHTHALATE
BPM	-BARIUM PERMANGANATE	BPO	-BARIUM PEROXIDE
BPT	-BENZENE PHOSPHORUS THIODICHLORIDE		
BRA	-N-BUTYRIC ACID	BRC	-BARIUM CARBONATE
BRT	-BORON TRICHLORIDE	BRU	-BRUCINE
BRX	-BROMINE	BSC	-BENZENE SULFONYL CHLORIDE
BTA	-SEC-BUTYL ACETATE	BTB	-BORON TRIBROMIDE
BTC	-BUTYL ACRYLATE (N-)	BTD	-1,4-BUTYNEEDIOL



# CHRIS CODES

(Continued)

BTE	-BUTYL ETHER, N-	BTF	-BROMINE TRIFLUORIDE
BTL	-SEC-BUTYLAMINE	BTM	-N-BUTYL MERCAPTAN
BTN	-BUTYLENE	BTO	-1,2-BUTYLENE OXIDE
BTP	-P-TERT-BUTYLPHENOL	BTR	-BUTYRALDEHYDE (N-)
BTX	-BENZENE-TOLUENE-XYLENE MIXTURE		
BTY	-BUTYLAMINE (ALL ISOMERS)	BUA	-TERT-BUTYLAMINE
BUD	-1,4-BUTENEDIOL	BUT	-BUTANE (N-)
BYA	-TERT-BUTYL ACETATE	BZA	-BENZOIC ACID
BZC	-BENZOYL CHLORIDE	BZD	-BENZALDEHYDE
BZM	-BENZYLAMINE	BZN	-BENZONITRILE
BZO	-BENZYLDIMETHYLOCTA-DECYLAMMONIUM CHLORIDE		
BZP	-BENZOPHENONE	CAA	-COPPER ACETOARSENITE (IC)
CAC	-CHLOROACETYL CHLORIDE	CAF	-CALCIUM FLUORIDE
CAH	-CALCIUM HYDROXIDE	CAK	-CALCIUM ALKYL SALICYLATE
CAL	-CALCIUM PHOSPHATE	CAM	-CALCIUM METALLIC
CAO	-CALCIUM OXIDE	CAP	-P-CHLOROANILINE
CAR	-CARENE	CAS	-CALCIUM ARSENITE
CAT	-CADMIUM ACETATE	CBA	-COBALT ACETATE (OUS)
CBB	-CARBON DISULFIDE	CBC	-COBALT CHLORIDE (OUS)
CBD	-COPPER BROMIDE (OUS)	CBF	-CARBOFURAN
CBM	-"C-4 BUTYLENES MIXTURE"	CBN	-4-CHLOROBUTYRONITRILE
CBO	-CARBOLIC OIL	CBR	-CYANOGEN BROMIDE
CBS	-COBALT SULFATE (OUS)	CBT	-CARBON TETRACHLORIDE
CBY	-CARBARYL	CCA	-CALCIUM ARSENATE
CCB	-CALCIUM CARBIDE	CCC	-CALCIUM CHLORATE
CCH	-CYCLOHEXANONE	CCL	-CYANOGEN CHLORIDE
CCN	-CALCIUM CYANIDE	CCP	-CALCIUM PEROXIDE
CCR	-CALCIUM CHROMATE	CCT	-CREOSOTE, COAL TAR
CCW	-CREOSOTE	CCY	-COPPER CYANIDE (OUS)
CDA	-CACODYLIC ACID	CDC	-CADMIUM CHLORIDE
CDN	-CHLORDANE	CDO	-CARBON DIOXIDE, LIQUID
CEM	-CETYL EICOSYL METHACRYLATE		
CES	-CUPRIETHYLENEDIAMINE SOLUTION		
CFB	-CADMIUM FLUOBORATE	CFM	-COBALT FORMATE (OUS)
CFP	-CRESOLS (CONTAINING MORE THAN 5% PHENOL)		
CFV	-C-5 MIXTURES (20% OR MORE ISOPRENE)		
CGE	-CRESYL GLYCIDYL ETHER	CHA	-CYCLOHEXYLAMINE
CHC	-CHARCOAL	CHD	-CHLOROHYDRIN (CRUDE)
CHE	-CRUDE HYDROCARBON FEEDSTOCK (<10% ETHYL ETHER)		
CHF	-CRUDE HYDROCARBON FEEDSTOCK (10-20% ETHYL ETHER)		
CHI	-CHLOROTOLUENE (O-, M-, P-, & MIXTURES)		
CHM	-CHLOROACETIC ACID SOLUTION (80% OR LESS)		
CHN	-CYCLOHEXANOL	CHP	-CYCLOHEXANONE PEROXIDE
CHS	-CHROMIC SULFATE		
CHT	-CYCLOHEXENYLTRICHLOROSILANE		
CHX	-CYCLOHEXANE	CHY	-CALCIUM HYPOCHLORITE
CID	-COPPER IODIDE (OUS)	CIT	-CITRIC ACID
CLA	-2-CHLOROPROPIONIC ACID	CLC	-CALCIUM CHLORIDE
CLD	-COLLODION	CLH	-"CHLORINATED HYDROCARBONS"
CLP	-3-CHLOROPROPIONIC ACID	CLS	-CAPROLACTAM (SOLUTION)
CLT	-COPPER LACTATE (IC)	CLX	-CHLORINE
CMA	-CHROMIC ANHYDRIDE	CMB	-CADMIUM BROMIDE
CMC	-CHROMYL CHLORIDE	CME	-CHLOROMETHYL METHYL ETHER

# CHRIS CODES

(Continued)

CMH -CUMENE HYDROPEROXIDE	CMN -CADMIUM NITRATE
CMO -CARBON MONOXIDE	CMP -CYMENE (P-)
CMS -CADMIUM SULFATE	CNI -COPPER NITRATE (IC)
CNN -COPPER NAPHTHENATE (IC)	CNO -O-CHLORONITROBENZENE
CNT -CALCIUM NITRATE	COB -COBALT BROMIDE (OUS)
COF -COBALT FLUORIDE (OUS)	COL -COPPER OXALATE (IC)
CON -COBALT NITRATE (ous)	COP -COPPER ACETATE (IC)
COS -COBALT SULFAMATE (OUS)	COU -COUMAPHOS
COX -CADMIUM OXIDE	CPA -COPPER ARSENITE (IC)
CPB -COPPER BROMIDE (IC)	CPC -COPPER CHLORIDE (IC)
CPF -COPPER FLUOBORATE (IC)	CPG -COPPER GLYCINATE
CPH -CAMPHENE CPL -CHLOROPICRIN (LIQUID)	
CPM -2- AND 3-CHLOROPROPIONIC ACID MIXTURE	
CPN -P-CHLOROPHENOL	CPO -CAMPHOR OIL
CPP -CALCIUM PHOSPHIDE	CPR -CYCLOPROPANE
CPS -CAUSTIC POTASH, SOLUTION	CPT -CAPTAN
CRA -CHLOROACETOPHENONE	CRB -CHLOROBENZENE
CRC -CHROMOUS CHLORIDE	CRE -CALCIUM RESINATE
CRF -CHLOROFORM	CRL -CRESOL, M-
CRN -P-CHLOROTOLUENE	CRO -CROTON OIL
CRP -CHLOROPRENE	CRS -CRESOLS, MIXED ISOMERS
CRT -CHROMIC ACETATE	CRX -CRESYLIC ACID TAR
CRY -CRESYLIC ACID	CSA -CHLOROSULFONIC ACID
CSB -CYCLOPENTADIENE, STYRENE, BENZENE MIXTURE	
CSC -CRESYLATE SPENT CAUSTIC	CSF -COPPER SULFATE (IC)
CSL -CRESOL, O-	
CSN -COPPER SULFATE (IC) AMMONIATED	
CSO -CRESOL, P-	CSS -CAUSTIC SODA SOLUTION
CST -COPPER SUBACETATE (IC)	CSY -CORN SYRUP
CTA -CROTONALDEHYDE	CTC -CATECHOL
CTD -4 -C HLOORO-O-TOLUI DI NE	CTF -CHLORINE TRIFLUORIDE
CTM -CHLOROTOLUENE, M-	CTO -CHLOROTOLUENE, O-
CTT -COPPER TARTRATE (IC)	CUF -COPPER FORMATE (IC)
CUM -CUMENE	
CWC -CHEMICAL WASTES (MIX OF CHLORINATED HCARBONS & CAUSTICS)	
CYA -CYANOACETIC ACID	CYG -CYANOGEN
CYP -CYCLOPENTANE	
CYX -CYCLOHEXANONE, CYCLOHEXANOL MIXTURE	
DAA -DIACETONE ALCOHOL	DAC -DIMETHYLACETAMIDE
DAE -DIETHYLETHANOL AMINE	
DAI -DODECYLBENZENESULFONIC ACID, ISOPROPYLAMINE SALT	
DAL -DECALDEHYDE	DAM -DI PHENYLAMINE
DAN -DECYL ALCOHOL	DAP -DI-N-AMYL PHTHALATE
DAS -DODECYL BENZENE SULFONICACID, SODIUM SALT	
DAT -DECYL ACRYLATE (ISO-, N-, & MIXTURES)	
DBA -DI-N-BUTYLAMINE	DBC -DIISOBUTYLCARBINOL
DBE -SEE CODE: BTE	DBK -DI-N-BUTYL KETONE
DBL -DIISOBUTYLENE	DBM -DICHLOROBENZENE, M-
DBO -O-DICHLOROBENZENE	DBP -P-DICHLOROBENZENE
DBR -DECABORANE	
DBS -DODECYLBENZENESULFONIC ACID, TRIETHANOLAMINE SALT	
DBT -DIBUTYLPHENOL	DBU -DIISOBUTYLAMINE
DBZ -N-DECYLBENZENE	

# CHRIS CODES

(Continued)

DCA -2,4-D ICHLOROPHENOXYACETIC ACID  
DCB -DICHLOROBUTENE DCE -1-DECENE  
DCF -DICHLORODIFLUOROMETHANE DCH -1,1-DICHLOROETHANE  
DCI -2,2-DICHLOROISOPROPYL ETHER  
DCL -DICHLONE DCM -DICHLOROMETHANE  
DCN -2,2-DICHLOROPROPIONIC ACID  
DCP -2,4-DICHLOROPHENOL  
DCS -DODECYLBENZENESULFONIC ACID, CALCIUM SALT  
DCV -DICHLOROVOS  
DDA -DIMETHYL AMMONIUM-2,4-DICHLOROPHENOXYACETATE SOL. (70%)  
DDB -DODECYLBENZENE DDC -1-DODECENE  
DDD -DDD DDM -DODECYL METHACRYLATE  
DDN -DODECANOL DDO -DIPHENYL DIPHENYL OXIDE  
DDP -DODECYL PENTADECYL METHACRYLATE  
DDS -DODECYL SULFATE, SODIUM SALT  
DDT -DDT  
DDW -DIMETHYLHEXANE DIHYDROPEROXIDE, WET  
DEA -DIETHANOLAMINE DEB -DIETHYLBENZENE  
DEC -DIETHYL CARBONATE DED -DIELDRIN  
DEE -2,2 -DICHLOROETHYL ETHER DEF -SEE CODE: DEE  
DEG -DIETHYLENE GLYCOL DEL -1,2-DICHLOROETHYLENE  
DEM -DIETHYLENEGLYCOL MONOBUTYL ETHER ACETATE  
DEN -DIETHYLAMINE  
DEP -DI-(2-ETHYLHEXYL) PHOSPHORIC ACID  
DER "DE MONOMER (MIXTURE OF METHACRYLATES)"  
DES -2,4-D ESTERS DET -DIETHYLENETRIAMINE  
DEZ -DIETHYLZ INC  
DFA -DIFLUOROPHOSPHORIC ACID, ANHYDROUS  
DFE -1,1-D IFLUOROETHANE  
DFF -DISTILLATES: FLASHED FEED STOCKS  
DFM -DICHLOROMONOFUOROMETHANE  
DGD -DIETHYLENEGLYCOL DIMETHYL ETHER  
DGE -DIETHYLENEGLYCOL MONOETHYL ETHER  
DGM -DIETHYLENEGLYCOL MONOMETHYL ETHER  
DHN -DECAHYDRONAPHTHALENE DHP -DIHEPTYL PHTHALATE  
DIA -DIISOPROPYLAMINE DIB -DICHLOBENIL  
DIC -DICAMBA DID -DIISODECYL PHTHALATE  
DIH -DIISOPROPYLBENZENEHYDROPEROXIDE  
DIK -DIISOBUTYL KETONE DIM -DIMETHYL ETHER  
DIP -DIISOPROPANOLAMINE DIQ -DIQUAT  
DIS -DISULFTON DIU -DIURON  
DLP -DALAPON DMA -DIMETHYLAMINE  
DMB -DIMETHYLETHANOLAMINE  
DMC -DIMETHYLAMINE SOLUTION (55% AND <65%)  
DMD -DIMETHYLDICHLOROSILANE  
DME -DIETHYLENE GLYCOL MONOBUTYL ETHER  
DMF -DIMETHYLFORMAMIDE  
DMG -DIMETHYLAMINE SOLUTION (45% OR LESS)  
DMH -1,1-DIMETHYLHYDRAZINE DMO -2,2-DIMETHYL OCTANOIC ACID  
DMP -DIMETHYLPOLYSILOXANE DMS -DIMETHYL SULFOXIDE  
DMT -DIMETHYL TEREPHTHALATE  
DMX -DICHLOROPROPENE, DICHLOROPROPANE MIXTURES  
DMY -DIMETHYLAMINE SOLUTION (>45% AND < OR EQUAL TO 55%)

# CHRIS CODES

(Continued)

DMZ	-DIMETHYLZINC	DNA	-DI-(N)-PROPYLAMINE
DNB	-M-DINITROBENZENE	DNC	-DINITROCRESOLS
DND	-DIPROPYLAMINE	DNE	-2,5-DINITROPHENOL
DNH	-2,6-DINITROPHENOL	DNL	-2,6-DINITROTOLUENE
DNO	-DINITROBENZENE, 0-	DNP	-2,4-DINITROPHENOL
DNT	-2,4-DINITROANILINE	DNU	3,4-DINITROTOLUENE
DNZ	-DINITROBENZENE	DOA	-DIOCTYL ADIPATE
DOD	-DODECENE	DOP	-DIOCTYL PHTHALATE
DOS	-DODECYL DIPHENYL OXIDE DISULFONATE SOLUTION		
DOX	-1,4-DIOXANE	DPA	-DIBUTYL PHTHALATE
DPB	-1,1-DICHLOROPROPANE	DPC	-1,3-DICHLOROPROPANE
DPD	-DIPHENYLDICHLOROSILANE	DPE	-DIPHENYL ETHER
DPF	-2,3-DICHLOROPROPENE	DPG	-DIPROPYLENE GLYCOL
DPH	-DIETHYL PHTHALATE		
DPI	-DIMETHYL HYDROGEN PHOSPHITE		
DPK	-SEE CODE:	DPC	DPL -2,2-DICHLOROPROPANE
DPM	-DIPHENYLMETHANE DIISOCYANATE		
DPN	-DIPENTENE	DPO	-DIBENZOYL PEROXIDE
DPF	-1,2-DICHLOROPROPANE	DPR	-DICHLOROPROPENE
DPS	-DICHLOROPROPENE (1,1-, 1,2-, 1,3-, & MIXTURES)		
DPT	-DICYCLOPENTADIENE	DPU	-1,3-DICHLOROPROPENE
DPX	-DICHLOROPROPANE (1,1-, 1,2-, 1,3-, & MIXTURES)		
DSA	-DODECYL BENZENE SULFONIC ACID		
DSD	-DODECYL SULFATE, DIETHANOLAMINE SALT		
DSF	-DIMETHYL SULFATE	DSL	-DIMETHYL SULFIDE
DSM	-DODECYL SULFATE, MAGNESIUM SALT		
DSR	-DISTILLATES: STRAIGHT RUN		
DSS	-DIOCTYL SODIUM SULFOSUCCINATE		
DST	-DODECYL SULFATE, TRIETHANOLAMINE SALT		
DSU	-DIETHYL SULFATE		
DSZ	-DIAMMONIUM SALT OF ZINC EDTA SOLUTION		
DTA	-DODECYLAMINE, TETRADECYLAMINE MIXTURE		
DTC	-DODECYLTRICHLORISILANE	DTE	-DICHLOROTETRAFLUOROETHANE
DTH	-DOWTHERM		
DTM	-4,4-DICHLORO-ALPHA-TRICHLOROMETHYLBENZHYDROL		
DTN	-DEMETON	DTS	-DEXTROSE SOLUTION
DTT	-2,4-DINITROTOLUENE	DUR	-DURBAN
DXN	-N,N-DIMETHYLCYCLOHEXYLAMINE		
DZN	-DIAZINON		
DZP	-DI-(P-CHLOROBENZOYL) PEROXIDE		
DZZ	-DIETHANOLAMINE SALT OF 2,4-DICHLOROPHENOXY ACETIC ACID		
EAA	-ETHYL ACETOACETATE	EAC	-ETHYL ACRYLATE
EAD	-ETHYLALUMINUM DICHLORIDE	EAI	-2-ETHYLHEXYL ACRYLATE
EAL	-ETHYL ALCOHOL	EAM	-ETHYLAMINE
EAN	-ETHYLAMINE (72% OR LESS)	EAO	-ETHYLAMINE (40%OR LESS)
EAS	-ETHYLALUMINUM SESQUICHLORIDE		
EBA	-ETHYL-(N)-BUTYLAMINE	EBR	-ETHYL BUTYRATE
EBT	-ETHYL BUTANOL	EBU	-SEE CODE: EBA
ECA	-ETHYL CHLOROACETATE	ECC	-N-ETHYL CYCLOHEXYLAMINE
ECF	-ETHYL CHLOROFORMATE	ECH	-ETHYLENE CHLOROHYDRIN
ECL	-ETHYL CHLORIDE	ECS	-ETHYLDICHLOROSILANE
EDA	-ETHYLENEDIAMINE	EDB	-ETHYLENE DIBROMIDE
EDC	-ETHYLENE DICHLORIDE	EDR	-ENDRIN

# CHRIS CODES

(Continued)

EDT	-ETHYLENEDIAMINE TETRACETIC ACID	
EEE	-ETHYLENE GLYCOL DIETHYL ETHER	
EEM	-ETHYL-6-METHYL-N-(1-METHYL-2-METHOXY ETHYL) ANILINE, 2-	
EET	-ETHYL ETHER	EFM -ETHYL FORMATE
EGA	-ETHYLENE GLYCOL MONOETHYL-ETHER ACETATE	
EGD	-ETHYLENE GLYCOL DIMETHYL ETHER	
EGE	-ETHYLENE GLYCOL MONOETHYL ETHER	
EGL	-ETHYLENE GLYCOL	
EGM	-ETHYLENE GLYCOL MONOBUTYL ETHER	
EGY	-ETHYLENE GLYCOL DIACETATE	EHA -ETHYLHEXALDEHYDE
EHM	-ETHYL HEXYLAMINE, 2-	EHP -ETHOXYDIHYDROPYRAN
EHT	-ETHYLHEXYL TALLATE	EHX -2-ETHYL HEXANOL
ELT	-ETHYL LACTATE	
EMA	-ETHYLENE GLYCOL MONOBUTYL-ETHER ACETATE	
EMC	-ETHYL MERCAPTAN	
EME	-ETHYLENE GLYCOL MONOMETHYL ETHER	
EMX	- "ETHYLENE DIAMINE & RELATED AMINES MIXTURE"	
ENB	-ETHYLIDENE NORBORNENE	ENP -ETHOXYLATED NONYLPHENOL
EOD	-ETHOXYLATED DODECANOL	EOP -ETHOXYLATED PENTADECANOL
EOT	-ETHOXYLATED TETRADECANOL	EOX -ETHYLENE OXIDE
EPA	-2-ETHYL-3- PROPYLACROLEIN	EPC -EPICHLOROHYDRIN
EPD	-ETHYL PHOSPHONOTHIOIC DICHLORIDE, ANHYDROUS	
EPM	-ETHYLENE OXIDE/PROPYLENE OXIDE MIXTURE	
EPP	-ETHYL PHOSPHORODICHLORIDATE	
EPS	-ETHYLPHENYL DICHLOROSILANE	
ESC	-ETHYL SILICATE	ESF -ENDOSULFAN
ETA	-ETHYL ACETATE	ETB -ETHYLBENZENE
ETC	-ETHYLENE CYANOHYDRIN	ETD -ETHOXYLATED TRIDECANOL
ETG	-ETHOXY TRIGLYCOL	ETH -ETHANE
ETI	-ETHYLENEIMINE	ETL -ETHYLENE
ETM	-ETHYL METHACRYLATE	ETN -ETHYL NITRITE
ETO	-ETHION	ETS -ETHYLTRICHLOROSILANE
EVO	-EPOXIDIZED VEGETABLE OILS	FAC -FERRIC AMMDNIUM CITRATE
FAL	-FURFURYL ALCOHOL	FAM -FORMAMIDE
FAO	-FERRIC AMMONIUM OXALATE	FAS -FERROUS AMMONIUM SULFATE
FCL	-FERRIC CHLORIDE	FCP -FERRIC GLYCEROPHOSPHATE
FCS	-FERRIC CHLORIDE SOLUTION (30% OR LESS)	
FEC	-FERROUS CHLORIDE	FFA -FURFURAL
FFB	-FERROUS FLUOBORATE	FFX -FERRIC FLUORIDE
FMA	-FORMIC ACID	
FMS	-FORMALDEHYDE SOLUTION 37% TO 50%	
FMT	-SEE CODE: FMS	FNT -FERRIC NITRATE
FOX	-FERROUS OXALATE	FRS -FERROUS SULFATE
FSA	-FLUOSULFONIC ACID	FSF -FERRIC SULFATE
FSL	-FLUOSILICIC ACID	FUM -FUMARIC ACID
FXX	-FLUORINE	
GAK	-GASOLINE BLENDING STOCKS: ALKYLATES	
GAR	-GASOLINE, AROMATIC	
GAT	-GASOLINE: AUTOMOTIVE (4.23G PB/GAL)	
GAV	-GASOLINE: AVIATION (4.86G PB/GAL)	
GCM	-GLYCIDYL METHACRYLATE	GCR -GLYCERINE
GCS	-GASOLINE: CASINGHEAD	GLA -GALLIC ACID
GOC	-GAS OIL: CRACKED	GOS -GLYOXAL, 40% SOLUTION

**CHRIS CODES**

(Continued)

GPL -GASOLINE: POLYMER  
GPY -PYROLYSIS GASOLINE (CONTAINING > 5% BENZENE)  
GRF -GASOLINE BLENDING STOCKS: REFORMATES  
GSR -GASOLINE: STRAIGHT RUN  
GTA -GLUTARALDEHYDE SOLUTION (50% OR LESS)  
HAC -HEXADECYLTRIMETHYLAMMONIUM CHLORIDE  
HAI -2-HYDROXYETHYL ACRYLATE (INHIBITED)  
HAL -N-HEXALDEHYDE HAS -HYDROXYLAMINE SULFATE  
HBR -HYDROGEN BROMIDE HCC -HEXACHLOROCYCLOPENTADIENE  
HCL -HYDROCHLORIC ACID HCN -HYDROGEN CYANIDE  
HCS -HYDROCHLORIC ACID, SPENT (15% OR LESS)  
HDA -HYDROXYLAMINE HDC -HYDROGEN CHLORIDE  
HDQ -HYDROQUINONE HDS -HYDROGEN SULFIDE  
HDZ -HYDRAZINE HFA -HYDROFLUORIC ACID  
HFS -HYDROFLUOROSILICIC ACID (25% OR LESS)  
HFX -HYDROGEN FLUORIDE  
HMC -HEXAMETHYLENEDIAMINE SOLUTION  
HMD -HEXAMETHYLENEDIAMINE HMI -HEXAMETHYLENEIMINE  
HMT -HEXAMETHYLENETETRAMINE HPA -HYDROXYPROPYL ACRYLATE  
HPM -HYDROXYPROPYL METHACRYLATE  
HPN -HYDROGEN PROXIDE SOLUTIONS (>8%, BUT < OR = 60%)  
HPO -HYDROGEN PEROXIDE  
HPS -HYDROGEN PEROXIDE SOLUTION (60% TO 70% SOLUTION)  
HPT -HEPTANE  
HSS -HEXADECYL SULFATE, SODIUM SALT  
HTC -HEPTACHLOR HTE -1-HEPTENE  
HTN -HEPTANOL HXA -HEXANE  
HXE -1-HEXENE HXG -HEXYLENE GLYCOL  
HXN -HEXANOL HXX -HYDROGEN, LIQUIFIED  
IAA -ISOAMYL ALCOHOL IAC -ISOPROPYL ACETATE  
IAI - (ISO-)DECYL ACRYLATE (INHIBITED)  
IAL -ISOBUTYL ALCOHOL IAM -ISOBUTYLAMINE  
IAT -ISOAMYL ACETATE IBA -ISOBUTYL ACETATE  
IBL -ISOBUTYLENE IBN -OBUTYRONITRILE  
IBR -ISOBUTYRIC ACID IBT -ISOBUTANE  
IDA -ISODECALDEHYDE IHA -ISOHEXANE  
INW -INDUSTRIAL WASTE (DI-ME DISULFIDE, ME MERCAPTAN, METHOMYL)  
IOA -ISOOCTYL ALCOHOL IOC -ISOCTALDEHYDE  
IPA -ISOPROPYL ALCOHOL IPC -ISOPROPYL PERCARBONATE  
IPD -ISOPHORONE DIISOCYANATE IPE -ISOPROPYL ETHER  
IPH -ISOPHORONE IPI -ISOPHORONE DIAMINE  
IPL -ISOPHTHALIC IPM -ISOPROPYL MERCAPTAN  
IPO -ISOPROPYLAMINE (90% OR LESS)  
IPP -ISOPROPYLAMINE IPR -ISOPRENE  
IPT -ISOPENTANE ISA -ISODECYL ALCOHOL  
IVA -ISOVALERALDEHYDE JPF -JET FUEL: JP-4  
JPO -JET FUEL: JP-1 (KEROSENE) JPT -JET FUEL: JP-3  
JPV -JET FUEL: JP-5 (KEROSENE, HEAVY)  
KPE -KEPONE KRS -KEROSENE  
LAC -LEAD ACETATE LAH -LITHIUM ALUMINUM HYDRIDE  
LAL -LINEAR ALCOHOLS (12-15 CARBONS)  
LAR -LEAD ARSENATE LBC -LITHIUM BICHROMATE  
LCL -LEAD CHLORIDE LCR -LITHIUM CHROMATE

# CHRIS CODES

(Continued)

LFB -LEAD FLUOBORATE	LFR -LEAD FLUORIDE
LHD -LITHIUM HYDRIDE	LID -LEAD IODIDE
LLS -LATEX, LIQUID SYNTHETIC	LNG -LIQUIFIED NATURAL GAS
LNT -LEAD NITRATE	LPG -LIQUIFIED PETROLEUM GAS
LPO -LAUROYL PEROXIDE	LRM -LAURYL MERCAPTAN
LSA -LEAD STEARATE	LSF -LEAD SULFATE
LSU -LEAD SULFIDE	LTA -LACTIC ACID
LTC -LEAD THIOCYANATE	LTH -LITHARGE
LTM -LITHIUM, METAL	LTS -LEAD THIOSULFATE
LTT -LEAD TETRAACETATE	LTU -LEAD TUNGSTATE
MAA -METHYL AMYL ALCOHOL	MAC -METHYL AMYL ACETATE
MAD -METHACRYLIC ACID	MAL -METHYL ALCOHOL
MAM -METHYLACRYLATE	MAN -N-METHYLANILINE
MAP -METHYL ACETYLENE PROPADIENE MIXTURE	
MAT -MERCURIC ACETATE	MBE -METHYL-T-BUTYL ETHER
MBK -METHYL-N-BUTYL KETONE	
MBT -2-MERCAPTOBENZOTHAZOL (IN LIQUID MIXTURES)	
MCA -MONOCHLOROACETIC ACID	MCC -MERCURIC AMMONIUM CHLORIDE
MCD -MERCAPTODIMETHAR	MCE -SEE CODE: DCM
MCF -MONOCHLORODIFLUOROMETHANE	MCH -METHYL CHLOROFORMATE
MCL -METHALLYL CHLORIDE	MCM -MONOCHLOROTRIFLUOROMETHANE
MCN -MERCURIC CYANIDE	MCP -METHYLCYCLOPENTANE
MCR -MERCURY MCS -METHYLDICHLOROSILANE	
MCT -METHYLCYCLOPENTADIENYLAMANGANESE TRICARBONYL	
MDB -4,4-METHYLENE DIANILINE + 20% O-DICHLOROBENZENE	
MEA -MONOETHANOLAMINE	MEC -METHYL ETHYL ACRYLATE
MEK -METHYL ETHYL KETONE	MEN -2-METHYL-6-ETHYL ANILINE
MEP -2-METHYL-5-ETHYLPYRIDINE	MET -METHACRYLONITRILE
MFA -MOTOR FUEL ANTICKNOCK CMPDS (PB ALKYLs)	
MFM -METHYL FORMATE	MGX -MAGNESIUM
MHB -2-METHYL-2-HYDROXY-3-BUTYNE	
MHK -METHYL HEPTYL KETONE	MHZ -METHYL HYDRAZINE
MIC -METHYL ISOBUTYL CARBINOL	MID -MERCURIC IODIDE
MIK -METHYL ISOBUTYL KETONE	MLA -MALEIC ANHYDRIDE
MLH -MALEIC HYDRAZIDE	MLI -MALEIC ACID
MLT -MALATHION	MMC -METHYL MERCAPTAN
MMM -METHYL METHACRYLATE	MNA -METHYL NAPHTHALENE
MNS -MINERAL SPIRITS	MNT -MERCURIC NITRATE
MOC -METHOXYCHLOR	MOX -MERCURIC OXIDE
MPA -MONOISOPROPANOLAMINE	MPC -MAGNESIUM PERCHLORATE
MPD -METHYLPHOSPHONOTHIOIC DICHLORIDE, ANHYDROUS	
MPE -3-METHYLPYRIDINE	MPF -4-METHYLPYRIDINE
MPK -METHYL ISOPROPENYL KETON, INHIBITED	
MPL -MORPHOLINE	MPR -2-METHYLPYRIDINE
MPT -METHYL PARATHION	MPY -1-METHYLPYRROLIDONE
MRC -MERCURIC CHLORIDE	MRN -MERCUROUS NITRATE
MRR -MERCUROUS CHLORIDE	MRS -MERCURIC SULFATE
MRT -MERCURIC THIOCYANATE	MRX -MIREX
MSA -METHANEARSONIC ACID, SODIUM SALTS	
MSF -MERCURIC SULFIDE	MSO -MESITYL OXIDE
MSR -METHYLSTYRENE, ALPHA	MSY -SEE CODE: MSZ
MSZ -METHYLAMINE SOLUTION (42% OR LESS)	
MTA -METHYLAMINE	MTB -METHYL BROMIDE

# CHRIS CODES

(Continued)

MTC	-METHYL CHLORIDE		
MTE	-MONOCHLOROTETRAFLUOROETHANE		
MTF	-METHYL FORMAL	MTG	-METHOXYTRIGLYCOL
MTH	-METHANE	MTM	-"METHAFORM"
MTO	-MOLYBDIC TRIOXIDE	MTS	-METHYLTRICHLOROSILANE
MTT	-METHYL ACETATE		
MUS	-METHYLOLUREAS (CONTAINING 20% FREE FORMALDEHYDE)		
MVK	-METHYL VINYL KETONE		
NAA	-NITRILOTRIACETIC ACID AND SALTS		
NAB	-NABAM	NAC	-NITRIC ACID
NAL	-4-NITROANILINE	NAN	-NONANE
NAO	-1-NAPHTHYLAMINE	NAS	-NICKEL AMMONIUM SULFATE
NBR	-NICKEL BROMIDE	NCC	-SEE CODE: NAC
NCD	-NITRIC ACID (70% OR LESS)	NCL	-NICKEL CHLORIDE
NCN	-NICKEL CYANIDE	NCS	-NICOTINE SULFATE
NCT	-NAPHTHA:COAL TAR	NFB	-NICKEL FLUOBORATE
NFM	-NICKEL FORMATE	NHX	-NEOHEXANE
NIC	-NICOTINE	NIE	-O-NITROTOLUENE
NIP	-NITROPHENOL		
NIT	-NITROTOLUENE (O,P, AND MIXTURES)		
NKA	-NICKEL ACETATE	NKC	-NICKEL CARBONYL
NKH	-NICKEL HYDROXIDE	NKS	-NICKEL SULFATE
NLD	-NALED	NMT	-NITROMETHANE
NNE	-1-NONENE		
NNM	-NITROPROPANE (60%), NITROETHANE (40%) MIXTURE		
NNN	-NONANOL	NNP	-NONYL PHENOL
NNT	-NICKEL NITRATE	NON	-NONENE
NOX	-NITROGEN TETROXIDE	NPH	-4-NITROPHENOL
NPM	-NITROPROPANE (1-,2-, AND MIXTURES)		
NPN	-1-NITROPROPANE	NPP	-2-NITROPROPANE
NPS	-NONYL PHENYL SULFIDE (DISSOLVED HCL)		
NSS	-NAPHTHA: STODDARD SOLVENT		
NSV	-NAPHTHA: SOLVENT	NTA	-2-NITROANILINE
NTB	-NITROBENZENE	NTC	-NITROSYL CHLORIDE
NTD	-NITROBENZENE, (MONO)	NTE	-NITROETHANE
NTH	-"2-,2'-,2"-NITRILOTRIETHANOL"		
NTI	-NAPHTHENIC ACID	NTL	-NITRALIN
NTM	-NAPHTHALENE, MOLTEN	NTO	-NITROUS OXIDE
NTP	-2-NITROPHENOL	NTR	-NITROTOLUENE,M-
NTT	-P-NITROTOLUENE	NTX	-NITRIC OXIDE
NVM	-NAPHTHA:VM & P (75% NAPHTHA)		
NXX	-NITROGEN,LIQUIFIED	OAC	-OLEIC ACID, SODIUM SALT
OAN	-OCTANE	OAP	-OLEIC ACID POTASSIUM SALT
OAS	-OIL, MISC.: ABSORPTION	OCA	-OIL, EDIBLE: CASTOR
OCC	-OIL, EDIBLE: COCONUT	OCF	-OIL: CLARIFIED
OCN	-OIL, MISCELLANEOUS:CASHEW NUT SHUT (UNTREATED)		
OCR	-OIL, MISC: CROTON	OCS	-OIL, EDIBLE: COTTONSEED
OCT	-OIL, MISC: COAL TAR	ODS	-OIL:DIESEL
OET	-OCTYL EPOXY TALLATE	OFR	-OIL, FUEL: NO. 4
OFS	-OIL, EDIBLE: FISH	OFV	-OIL, FUEL: NO. 5
OIL	-OIL: CRUDE	OLA	-OLEIC ACID
OLB	-OIL, MISC: LUBRICATING	OLD	-OIL, EDIBLE: LARD
OLM	-OLEUM	OLS	-OIL, MISC: LINSEED



# CHRIS CODES

(Continued)

OMN -OIL, MISC: MINERAL	OMS -OIL, MISC: MINERAL SEAL
OMT -OIL, MISC: MOTOR	ONE -OCTYL NITRATES
ONF -OIL, MISC: NEATSFOOT	OOD -OIL, FUEL: NO. 1-D
OOL -OIL, EDIBLE: OLIVE	OON -OIL, FUEL: NO. 1 (KEROSENE)
OPM -OIL, EDIBLE: PALM	OPN -OIL, EDIBLE: PEANUT
OPT -OIL, MISC: PENETRATING	ORD -OIL, MISC: ROAD
ORG -OIL, MISC: RANGE	ORN -OIL, MISC: ROSIN
ORS -OIL, MISC: RESIN	OSB -OIL, EDIBLE: SOYA BEAN
OSD -OIL, MISC: SPINDLE	OSF -OIL, EDIBLE: SAFFLOWER
OSP -OIL, MISC: SPERM	OSX -OIL, FUEL: NO. 6
OSY -OIL, MISC: SPRAY	OTA -OCTANOL
OTB -OIL, MISC: TURBINE	OTC -OIL, EDIBLE; TUCUM
OTD -OIL, FUEL: NO. 2-D	OTE -1-OCTENE
OTF -OIL, MISC: TRANSFORMER	OTL -OIL, MISC: TALL
OTN -OIL, MISC: TANNER'S	OTW -OIL, FUEL: NO. 2
OVG -OIL, EDIBLE: VEGETABLE	OXA -OXALIC ACID
OXY -OXYGEN, LIQUID	PAA -PERACETIC ACID
PAC -PHOSPHORIC ACID	PAD -PROPIONALDEHYDE
PAH -PROPIONIC ANHYDRIDE	PAJ -SEE CODE: MPA
PAL -N-PROPYL ALCOHOL	PAM -SEE CODE: PRA
PAN -PHTHALIC ANHYDRIDE	PAS -POTASSIUM ARSENATE
PAT -N-PROPYL ACETATE	PBO -POTASSIUM BINOXALATE
PBP -PROPYLENE BUTYLENE POLYMER	PBR -PHOSPHOROUS TRIBROMIDE
PCB -POLYCHLORINATED BIPHENYLS	PCE -PENTACHLOROETHANE
PCH -POTASSIUM CHROMATE	PCL -PERCHLORIC ACID
PCM -PERCHLOROMETHYL MERCAPTAN	PCN -PROPIONITRILE
PCP -PENTACHLOROPHENOL	PCR -POTASSIUM CHLORATE
PDC -PENTADECANOL	PDE -1,3-PENTADIENE
PDH -PARALDEHYDE	PDI -1,3-PENTADIENE (INHIBITED)
PDL -PHENYLDICHLOROARSINE, LIQUID	
PDN -1,4-PENTADIENE (PIPERYLENE CONCENTRATE)	
PDT -POTASSIUM DICHLORO-S-TRIAZINETRIONE	
PEB -POLYETHYLENE POLYAMINES	
PEP -PENTAETHYLENEHEXAMINE, TETRAETHYLENEPENTAMINE MIXTURE	
PER -PERCHLOROETHYLENE	PET -PENTAERYTHRITOL
PFA -PARAFORMALDEHYDE	PGA -PYROGALLIC ACID
PGC -POLYPROPYLENE GLYCOL	
PGM -POLYPROPYLENE GLYCOL METHYL ETHER	
PHD -PHOSDRIN	PHG -PHOSGENE
PHH -PHENYLHYDRAZINE HYDROCHLORIDE	
PHN -PHENOL PII -PROPYLENEIMINE, INHIBITED	
PLA - (N-) PROPANOLAMINE	PLB -POLYBUTENE
PLP -POLYPROPYLENE	PLT -PROPIOLACTONE, BETA
PME -PROPYLENE GLYCOL METHYL ETHER	
PMN -N-PROPYL ETHER	PNA -PROPIONIC ACID
PNH -PHENOL HYDRATE	PNT -3-PENTENENITRILE (CRUDE)
POA -POTASSIUM ARSENITE	POP -POTASSIUM PEROXIDE
POX -PROPYLENE OXIDE	PPA -POLYPHOSPHORIC ACID
PPB -PHOSPHORUS, BLACK	PPG -PROPYLENE GLYCOL
PPI -POLYMETHYLENE POLYPHENYL ISOCYANATE	
PPL -PROPYLENE	PPO -PHOSPHORUS OXYCHLORIDE
PPP -PHOSPHORUS PENTASULFIDE	PPR -PHOSPHORUS, RED
PPT -PHOSPHORUS TRICHLORIDE	

# CHRIS CODES

(Continued)

PPW	-PHOSPHORUS, WHITE OR YELLOW		
PPZ	-PIPERAZINE	PRA	-N-PROPYLAMINE
PRD	-PYRIDINE	PRF	-PYROLYSIS RESIDUAL FUELS
PRG	-PROPARGITE	PRP	-PROPANE
PRR	-PYRETHRINS	PRS	-"PROSILAGE"
PTA	-PENTANE	PTB	-PENTABORANE
PTC	-POTASSIUM CYANIDE	PTD	-POTASSIUM DICHROMATE
PTE	-1-PENTENE	PTH	-POTASSIUM HYDROXIDE
PTI	-POTASSIUM IODIDE	PTL	-PETROLATUM
PTM	-POTASSIUM	PTN	-PETROLEUM NAPHTHA
PTO	-PARATHION	PTP	-POTASSIUM PERMANGANATE
PTS	-POTASSIUM OXALATE	PTT	-PROPYLENE TETRAMER
PVB	-POLYVINYL BENZYL TRIMETHYL AMMONIUM CHLORIDE (35%)		
PVD	-SEE CODE: PVB	QNL	-QUINOLINE
RFG	-REFRIGERANT GASES	RSC	-RESORCINOL
SAB	-SODIUM ALKYL BENZENESULFONATES		
SAC	-SULFURIC ACID, SPENT	SAL	-SALICYLALDEHYDE
SAM	-SODIUM AMIDE	SAR	-SODIUM ARSENITE
SAS	-SODIUM ALKYL SULFATES	SAZ	-SODIUM AZIDE
SBF	-SODIUM BIFLUORIDE	SBH	-SODIUM BOROHYDRIDE
SBI	-SODIUM BOROHYDRIDE SOLUTION (13% OR LESS)		
SBS	-SODIUM BISULFITE	SBT	-SORBITOL
SBX	-SODIUM BOROHYDRIDE (15% OR LESS), SODIUM HYDROXIDE SOL.		
SCD	-SODIUM CACODYLATE	SCH	-SODIUM CHROMATE
SCL	-SULFURYL CHLORIDE	SCM	-STRONTIUM CHROMATE
SCN	-SODIUM CYANIDE	SCR	-SODIUM DICHROMATE
SCY	-SODIUM THIOCYANATE	SDA	-SODIUM ARSENATE
SDB	-SODIUM BORATE	SDC	-SODIUM CHLORATE
SDD	-SODIUM CHLORATE SOLUTION (50% OR LESS)		
SDF	-SODIUM FLUORIDE	SDH	-SODIUM HYDRIDE
SDL	-SODIUM DICHROMATE SOLUTION (70% OR LESS)		
SDN	-SODIUM NITRATE	SDS	-SODIUM SULFIDE
SDT	-SODIUM DICHLORO-S-TRIAZINETRIONE		
SDU	-SODIUM, METALLIC	SFA	-SULFURIC ACID
SFC	-SODIUM FERROCYANIDE	SFD	-SULFUR DIOXIDE
SFL	-SULFOLANE	SFM	-SULFUR MONOCHLORIDE
SFR	-SODIUM SILICOFLUORIDE	SHC	-SODIUM HYPOCHLORITE
SHD	-SODIUM HYDROXIDE		
SHP	-SODIUM HYPOCHLORITE SOLUTION (15% OR LESS)		
SHR	-SODIUM HYDROSULFIDE SOLUTION (45% OR LESS)		
SHS	-SEE CODE: SHR	SLA	-SALICYLIC ACID
SLD	-SELENIUM DIOXIDE		
SMB	-SODIUM 2-MERCAPTOBENZOTHAZOL SOLUTION		
SML	-SODIUM METHYLATE	SNT	-SODIUM NITRITE
SOX	-SODIUM OXALATE	SPH	-SODIUM PHOSPHATE (TRIBASIC)
SPP	-SODIUM PHOSPHATE	SRA	-STEARIC ACID
SRS	-SUCROSE		
SSA	-SODIUM HYDROSULFIDE, AMMONIUM SULFIDE SOLUTION		
SSC	-SODIUM SILICATE	SSE	-SODIUM SELENITE
SSF	-SODIUM SULFITE		
SSH	-SODIUM SULFIDE, HYDROSULFIDE SOL (H <sub>2</sub> S 15 PPM OR LESS)		
SSI	-SODIUM SULFIDE, HYDROSULFIDE SOL (H <sub>2</sub> S BTWN 15 & 200 PPM)		
SSJ	-SODIUM SULFIDE, HYDROSULFIDE SOL (H <sub>2</sub> S 200 PPM OR MORE)		

# CHRIS CODES

(Continued)

STA	-SODIUM SALT OF FERRIC HYDROXYETHYLETHYLENEDIAMINE	
STC	-SILICON TETRACHLORIDE	STF -STANNOUS FLUORIDE
STO	-SELENIUM TRIOXIDE	STR -STRYCHNINE
STS	-SODIUM THIOCYANATE SOLUTION (56% OR LESS)	
STT	-STYRENE TAR	STY -S TYRENE
SUR	-"SURFONIC N-95"	SVA -SILVER ACETATE
SVC	-SILVER CARBONATE	SVF -SILVER FLUORIDE
SVI	-SILVER IODATE	SVN -SILVER NITRATE
SVO	-SILVER OXIDE	SVS -SILVER SULFATE
SXX	-SULFUR (LIQUID)	TAA -TRIMETHYLACETIC ACID
TAL	-TRIETHYLALUMINUM	TAP -P-TOLUENESULFONIC ACID
TAS	-2,4,5-TRICHLOROPHENOXYACETIC ACID, SODIUM SALT	
TBT	-TETRABUTYL TITANATE	TBZ -TRICHLOROBENZENE
TCA	-2,4,5-TRICHLOROPHENOXYACETIC ACID	
TCB	-1,2,4-TRICHLOROBENZENE	TCE -1,2,3-TRICHLOROPROPANE
TCF	-TRICHLOROFLUOROMETHANE	TCL -TRICHLOROETHYLENE
TCM	-1,1,2-TRICHLOROETHANE	TCN -1,2,3-TRICHLOROPROPANE
TCO	-TRICRESYL PHOSPHATE (MORETHAN 1% ORTHO)	
TCP	-TRICRESYL PHOSPHATE	TCS -TRICHLOROSILANE
TCT	-TRICHLORO-S-TRIAZINETRIONE	
TDA	-TOLUENEDIAMINE	TDB -TETRADECYL BENZENE
TDC	-1-TRIDECENE	
TDD	-TOLUENE DIISOCYANATE/DIPHENYLMETHANE DIISOCYANATE MIX.	
TDH	-SEE CODE: TDI	TDI -TOLUENE 2,4-DIISOCYANATE
TDN	-TRIDECANOL	TEA -TRIETHANOLAMINE
TEB	-TRIETHYLBENZENE	TEC -1,1,2,2-TETRACHLOROETHANE
TED	-TETRAETHYL DITHIOPYROPHOSPHATE	
TEG	-TRIETHYLENE GLYCOL	TEL -TETRAETHYL LEAD
TEN	-TRIETHYLAMINE	TEO -SEE CODE: TEC
TEP	-TETRAETHYL PYROPHOSPHATE	TES -2,4,5-T ESTERS
TET	-TRIETHYLENETETRAMINE	TFA -TALLOW FATTY ALCOHOL
TFC	-TRIFLUOROCHLOROETHYLENE	
TFE	-TETRAFLUROETHYLENE, INHIBITED	
TFR	-TRIFLURALIN	TGC -TRIPROPYLEE GLYCOL
THA	-TRIMETHYLHEXAMETHYLENE DIAMINE (2,2,4- & 2,4,4-)	
THF	-TETRAHYDROFURAN	
THI	-TRIMETHYLHEXAMETHYLENE DIISOCYANATE (2,2,4- & 2,4,4-)	
THN	-TETRAHYDRONAPHTHALENE	THR -THIRAM
TIA	-TRIISOBUTYLALUMINUM	TIP -TRIISOPROPANOLAMINE
TLI	-(0-)TOLUIDINE	TLO -TALLOW
TMA	-TRIMETHYLAMINE	TMC -TRIMETHYLCHLOROSILANE
TML	-TETRAMETHYL LEAD	TMO -NO COMMODITY
TNA	-TANNIC ACID	TOL -TOLUENE
TPA	-2-(2,4,5-TRICHLOROPHENOXY)PROPANOIC ACID	
TPE	-2-(2,4,5-TRICHLOROPHENOXY)PROPANOIC ACID, ISOCTYL	
TPG	-THIOPHOSGENE	TPH -TRICHLOROPHENOL
TPI	-TRIETHYL PHOSPHITE	
TPO	-TRIS(AZIRIDINYL)PHOSPHINE OXIDE	
TPP	-TRIMETHYL PHOSPHITE	TPT -TURPENTINE
TRC	-TRICHLORFON	TRN -THORIUM NITRATE
TSA	-TRIISOPROPANOLAMINE SALT OF 2,4-DICHLOROPHENOXY ACETIC	
TSU	-THALLIUM SULFATE	TTD -1-TETRADECENE
TTE	-TETRACHLOROETHYLENE	TTG -TETRAETHYLENE GLYCOL

**CHRIS CODES**

(Continued)

TTN	-TETRADECANOL	TTP	-TETRAETHYLENEPENTAMINE
TTT	-TITANIUM TETRACHLORIDE	TXP	-TOXAPHENE
UAN	-URANYL NITRATE		
UAS	-UREA, AMMONIUM NITRATE SOLUTION		(WITH AQUA AMMONIA)
UDB	-N-UNDECYLBENZENE	UDC	-1-UNDECENE
UND	-UNDECANOL	UPO	-UREA PEROXIDE
URA	-URANYL ACETATE	URE	-UREA
URP	-URANIUM PEROXIDE	URS	-URANYL SULFATE
VAK	-VALERALDEHYDE (ISO-, N-, & MIXTURES)		
VAL	-VALERALDEHYDE, N-	VAM	-VINYL ACETATE
VCi	-VINYLIDENECHLORIDE, INHIBITED		
VCM	-VINYL CHLORIDE	VEE	-VINYL ETHYL ETHER
VFI	-VINYL FLUORIDE, INHIBITED		
VME	-VINYL METHYL ETHER, INHIBITED		
VND	-VINYL NEODECANATE	VNT	-VINYL TOLUENE
VOT	-VANADIUM OXYTRICHLORIDE	VOX	-VANADIUM PENTOXIDE
VSF	-VANADYL SULFATE	VTs	-VINYLTRICHLOROSILANE
WCA	-WAX: CARNAUBA	WPF	-WAX: PARAFFIN
XLm	-M-XYLENE	XLO	-O-XYLENE
XLp	-P-XYLENE	XYL	-XYLENOL
ZAC	-ZINC AMMONIUM CHLORIDE	ZAR	-ZINC ARSENATE
ZBC	-ZINC BICHROMATE	ZBO	-ZINC BORATE
ZBR	-ZINC BROMIDE	ZCA	-ZIRCONIUM ACETATE
ZCB	-ZINC CARBONATE	ZCL	-ZINC CHLORIDE
ZCN	ZINC CYANIDE	ZCO	-ZIRCONIUM OXYCHLORIDE
ZCR	-ZINC CHROMATE	ZCS	-ZIRCONIUM SULFATE
ZCT	-ZIRCONIUM TETRACHLORIDE		
ZDP	-ZINC DIALKYL DITHIOPHOSPHATE		
ZEC	-ZECTRAN	ZFB	-ZINC FLUOBORATE
ZFM	-ZINC FORMATE	ZFX	-ZINC FLUORIDE
ZHS	-ZINC HYDROSULFITE	ZIR	-ZIRCONIUM NITRATE
ZNA	-ZINC ACETATE	ZNT	-ZINC NITRATE
ZPC	-ZINC POTASSIUM CHROMATE		
ZPF	-ZIRCONIUM POTASSIUM FLUORIDE		
ZPP	-ZINC PHOSPHIDE	ZPS	-ZINC PHENOLSULFONATE
ZSF	-ZINC SULFATE	ZSL	-ZINC SILICOFLUORIDE

APPENDIX D TO COMDTINST M5230.18

MARINE POLLUTION PRODUCT SET GUIDANCE

1. The Marine Pollution product set is designed with five products. Any report requires that the MPIR, MPRC, and either MPVS or MPNS be completed. However, a complete report does not necessarily require all parts to be completed, depending on the nature of the incident. The five parts are:
  - a. MPIR - Marine Pollution Incident Report. The initial report made when an incident occurs. This report must be completed whenever any of the following conditions apply:
    - (1) When a report is received for a discharge or potential discharge of oil, hazardous material, or other polluting substance at a location where the Coast Guard is the pre-designated Federal On Scene Coordinator (OSC) under the National Contingency Plan.
    - (2) When Coast Guard forces respond to a discharge or potential discharge of oil, hazardous material, or other polluting substance at the request of EPA or POD when they are the pre-designated Federal OSC.
    - (3) When Coast Guard forces, whether from an MSO or any other unit, respond to a discharge or potential discharge of oil, hazardous material, or other polluting substance as first Federal official on-scene or at the request of the OSC.
  - b. MPVS - Marine Pollution Vessel Supplement. This report is completed when the source or suspected source is a vessel. Vessels include all craft which move or are capable of movement on navigable waters, on internal waters of the U.S., or on the high seas, except for MODU's when they are moored and in use as a fixed platform.
  - c. MPNS - Marine Pollution Non-Vessel Source Supplement. This is the complementary report when the source is not a vessel, or when the source is a MODU fixed in place and drilling. In the event of an unknown spill, judgement must be exercised by the reporting MSO/COTP as to whether the spill originated from a vessel or not. Both MPVS and MPNS will accept unknown spills. However, it is important for programatic purposes for the reporting unit to indicate their best guess as to whether the spill came from a vessel or not.
  - d. **MPRC** - Marine Pollution Coast Guard Response Report. This report is completed to reflect all Coast Guard resources used in either:
    - (1) Investigating the incident:
    - (2) Responding to the incident as OSC:
    - (3) Responding to the incident at the request of the OSC;
    - (4) Administrative actions associated directly with the incident, such as completing this report, but also including supply functions such as contracting oversight in the event of a federally funded cleanup.

APPENDIX D TO COMDTINST M5230.18

1. e. MPRN - Marine Pollution Non-Coast Guard Response Report. This report is simply to identify those other participants in the response to an incident, and the role they played. It is not intended, nor is it designed to provide elaborate detail on such involvement. To the extent that more information is required on some of these parties, such as contractors, that detail is sufficiently addressed in other directives and need not be duplicated here.

2. MPIR - Marine Pollution Incident Report. This report is made when an incident occurs and covers the basic information on any spill or ineident.
  - a. Case Number. Generated automatically by MSIS.
  - b. Port. Supplied automatically by MSIS.
  - c. OSC Agency. Enter USCG, EPA, or DOD
  - d. EPA Region. If EPA is the pre-designated Federal OSC, enter which region is handling the incident.
  - e. Date Closed. This refers to the date that actions in response to the spill, at the spill site, ended.
  - f. Validated. Enter an (X) in this field when validating the entire report including all supplementary reports (MPVS, MPNS, MPRC, MPRN).
  - g. INV. This is a free-form field that allows the initials of the investigator(s) to be entered. It is for local use only.
  - h. Notify. This field allows the reporting MSO/COTP to pass on to another unit on MSIS the fact that this incident occurred. Entering a port code creates a log entry on the Morning Report for that unit, which can then call up the case for more details. It does not automatically pass on the report. Enter the appropriate port code
  - i. Subject. This field is free form. It is intended to allow the unit to identify a case briefly in a way that is meaningful to the unit. It serves the same purpose as the subject line on POLREPS. This field maps to the unit logs.
  - j. Reported By. This is a coded field that identifies by category who the reporting party was, whether the responsible party, a third party, another government agency, or a Coast Guard unit.
  - k. Name: This field is entirely free form. It is intended to allow the unit sufficient space to indicate who the reporting party was, and any other information necessary to later identify that party. It should not cite the rational Response Center (NRC), but rather indicate the initial caller who reported the spill or incident.
  - l. Phone Number. Self explanatory.
  - m. Date Reported/Time Reported. Note the time when the Coast Guard was first notified of the incident. If the report is relayed by the NRC, this time should be when the NRC received the call from the reporting party. One function of this information is to allow a later decision by the OSC whether the report was timely in the context of the law.

APPENDIX D TO COMDTINST M5230.18

2. n. Casualty Case Ref. If applicable, enter the casualty case number from the Marine Casualty (MC) Product. MSIS will not automatically do this. Entering this number here will tie the two reports together, however. A corresponding field exists on the KC Product for the Case Number assigned by MPIR.
- o. Date/Time of Spill. Enter the best estimate of when the spill occurred. If the time is not known, enter the best estimate and indicate (E) for estimated, instead of (K) for known.
- p. Spill Location. The intent of the spill location section is to cover the wide range of potential spill sites. Units need not fill in all sections, but latitude/longitude is always required. If the spill enters the water, use the appropriate water body code. If the spill is on land and never enters the water, use a non-water body code and enter the nearest city and state to the spill site.
- q. Clean-up Status. This is a coded field that indicates final action on the spill. Keep in mind that spills may be either oil or chemical. The spill of a soluble chemical into a river could conceivably be NR -non removable.
- r. Removal Party. This is a coded field that refers to who was in charge of cleaning up the spill, not who was responsible for the spill. For example, if the spill was ignored by the responsible party and cleaned up by the EPA OSC using Federal Funds, EPA would be the removal party. Likewise, it does not refer to the actual parties (contractors, etc.) that may have done the work.
- s. Federal Cost Information. This whole section refers only to those spills where Federal funds (311(k) or CERCLA) were used to clean up or respond to the spill. If Federal funds are not used in the case, leave blank.
  - (1) Project Number. The project number is provided either by EPA (for CERCLA) or the District Office (for 311(k)). This number is critical, as it automatically keys in what project type is entered. On rare occasions an incident may begin as a 311(k) response and then, based on subsequent analysis, become a CERCLA incident. In that case, change the Project number to CERCLA, and make note of the initial 311(k) project number in the General Case Description.
  - (2) Auth. Ceiling. This is the amount that the OSC is allowed to obligate for the specific project number. It should not be the overall limit that the law allows. For example, District x may allow an OSC to obligate up to \$50K per spill as a matter of policy. However, for a given spill, the OSC only asks for 30K when the project number is assigned. In that case, the appropriate figure for this field is \$30K.



2. s. (3) Funds Expended. This is the total amount actually spent by the OSC out of those funds authorized under the project number. It does not include internal Coast Guard costs such as salaries, etc. It always is less than the project's Authorized Ceiling. If it is not, then the district should increase the ceiling for the case to ensure that the comptroller will have sufficient funds to pay contractors, etc.
- (4) Total Cost. This is the sum of both Funds Expended and all other internal costs such as salaries, per-hour charges for vessels, aircraft, and boats, etc. The program is set up such that if a project number is issued, total costs cannot equal funds expended, since for all federal cleanups there are costs associated with clean-up supervision by the OSC.
- t. General Case Description. This is a free-form field to allow additional description of the incident. Its purpose is to incorporate other information particular to the case that explains what happened but does not lend itself to coded format. A total of 5 lines are provided.

3. MPVS - Marine Pollution Vessel Supplement. This report is completed when the source or suspected source is a vessel, or when the source of a spill is unknown but suspected to be a vessel (i.e., a slick in a location where no facilities exist and there is no historical record of natural seeps). Vessels include: all craft which move or are capable of movement on navigable waters, on internal waters of the U.S., or on the high seas, except for MODU's when they are moored and in use as a fixed platform.
  - a. Verification: Enter "V" if this supplement is to be verified at this time. Otherwise leave blank. This supplement must eventually be verified to successfully validate the case (See MPIR). Entering "K" (KILL) will delete this report.
  - b. VIN. Enter any known vessel identification number (e.g. Official Number, Lloyd's, ABS, State Registration). If the VIN is unknown to the system, go to VFID (Vessel File Identification) and add the vessel and enter its VIN into MSIS before proceeding further. If the source is unknown but suspected to be a vessel refer to MPVS Section P(3) of the Transaction guide.
  - c. Call Sign. Enter any known Call sign. If the vessel is already in MSIS, entering the VIN will automatically fill this field.
  - d. Name. If the vessel is already in ISIS, entering the VIN or Call Sign will automatically call up the vessel name. This field is locked to the user, so the vessel's name cannot be entered in this product.
  - e. Flag. If the vessel is already in SIS, entering the VIN or Call Sign will automatically fill this field. This field is locked to the user, so the vessel's flag cannot be entered in this product.
  - f. Operation. Enter the operation in progress at the time of the spill or incident.
  - g. Penalty Action. Enter appropriate entry. Note that while all oil discharges into waters of the U.S. are violations of the FWPCA, not all chemical releases under CERCLA may be a violation of the law.
  - h. MVRR. Generated automatically by MSIS upon validation of MPIR if penalty action is indicated.
  - i. Cause/ Primary, Secondary, Contributing Factor. Use the appropriate codes to indicate the cause of the spill or incident. Start with the general cause and work to specific factors.

3. j. Polluting Substances and Quantities Involved. This is one of the most important fields in the HP Functional Activity. Enter each substance which was at risk in the incident. Judgement must be exercised by the OSC on this data field. The key factor is the OSC's assessment of whether there was a risk of the substance being released in the incident. Particular care must be exercised to ensure that accurate and appropriate information is entered here. Input from this section is applicable to such diverse needs as medical monitoring programs, equipment needs, and personnel resources for field units.
- (1) CHRIS Code. Enter the appropriate CHRIS code for each substance involved in the incident. Entering a CHRIS Code will normally cause substance's proper chemical name to appear in the second line. If the product has not been classified under CHRIS, enter "\*\*\*\*" in the CHRIS Code field and the chemical name of the substance on the second line of the entry. This will provide a means for field units to identify to the Program Manager additional substances that need to be included in CHRIS.
  - (2) Total Potential. Judgment must be exercised by the OSC on this data field. This field is the OSC's assessment of how much of this product was at risk in the incident. If there was significant risk of losing the entire vessel, and Coast Guard actions saved the ship, then it is appropriate to include all the product on board, including bunkers. However, if the case was a minor grounding, with the contents of only one tank at risk, then the total would more correctly be the contents of the one tank.
  - (3) Out of Water/In Water. Vessel spills may involve product on deck or in non-cargo carrying enclosed spaces that nevertheless poses a threat of pollution. In addition, a spill on land within a diked tank farm may be the result of vessel operations. Estimate the amount of product spilled but not yet in water. Likewise, estimate the amount of product that has entered the water, using the definition of water in the FWPCA.
  - (4) Spilled/Recovered. Estimate the amount spilled and recovered. Use the tables in the Marine Safety Manual for estimating the amount of oil by the slick size and color. Report amount of product recovered, not total product/water mix. Use the best information available at the time. Note that the total amounts entered in Spilled/Recovered/Out of Water/In Water cannot exceed the Total Potential entered.
  - (5) Units. Enter the appropriate unit of measure for the preceding numbers. Measures are gallons, barrels (42 U.S. gallons), pounds, and Short Tons (2,000 lbs).

4. MPNS - Marine Pollution Non-Vessel Source Supplement. This is the complementary report when the source is not a vessel. In the event of an unknown spill, judgment must be exercised by the reporting MSO/COTP over whether to file a vessel or non-vessel source report.
  - a. Verification: Enter "V" if this supplement is to be verified at this time or leave blank. This supplement must eventually be verified to successfully validate the case (See MPIR). Entering "K" (KILL) will delete this product.
  - b. Source Name. This field is entirely free form. It is intended to allow the unit sufficient space to indicate the source, the company operating the source, addresses, phone numbers, who the reporting party was, and any other information necessary to later identify that party.
  - c. Local Source ID. This field is free form. The non-vessel source should be assigned a unique ID which is used consistently for all incidents involving this source. This ID will then allow the local unit to extract at a later time from MSIS a historical record of all incidents involving this source.
  - d. Identification. This field is free form. It is designed to contain an address, location, or similar plain language designation of the specific site.
  - e. Ownership Class. Enter the appropriate code.
  - f. Type. Enter the appropriate code.
  - g. Use. Enter the appropriate code.
  - h. Operation. Enter the operation in progress at the time of the spill or incident.
  - i. Penalty Action. Enter appropriate entry. Note that while all oil discharges into waters of the U.S. are violations of the FWPCA, not all chemical releases under CERCLA may be a violation of the law.
  - j. MVRR. Generated automatically by MSIS upon validation of MPIR if penalty action is indicated.
  - k. Cause/ Primary, Secondary, Contributing Factor. Use the appropriate codes to indicate the cause of the spill or incident. Start with the general cause and work to specific factors.
1. Polluting Substances and Quantities Involved. This is one of the most important fields in the MP Functional Activity. Enter each substance which was at risk in the incident. Judgment must be exercised by the OSC on this data field. The key factor is the OSC's assessment of whether there was a risk of the substance being discharged in the

4. 1. (CONT) incident. Particular care must be exercised to ensure that accurate and appropriate information is entered here. Input from this section is applicable to such diverse needs as medical monitoring programs, equipment needs, and personnel resources for field units.

- (1) CHRIS Code. Enter the appropriate CHRIS code for each substance involved in the incident. Entering a CHRIS Code will normally cause the substance's proper chemical name to appear in the second line. If the product has not been classified under CHRIS, enter "\*\*\*\*" in the CHRIS Code field and the chemical name of the substance on the second line of the entry. This will provide a means for field units to identify to the Progrnr Manager additional substances that need to be included in CHRIS.
- (2) Total Potential. Judgment must be exercised by the OSC on this data field. This field is the OSC's assessment of how much of this product was at risk in the incident. If there was significant risk of losing the entire contents of the tank or container, and Coast Guard actions prevented that from happening, then it is appropriate to include all the product thus saved, or in the case of a train derailment, the cars at risk. However, if the case was minor, with only limited amounts of the product at risk, then the total would more correctly be how much was at risk as a result of the incident.
- (3) Cut of Water/In Water. Non-Vessel spills may also involve product on the deck of a platform, as well as the more common spill on land that has not entered a water body but poses a risk to one. Estimate the amount of product spilled but not yet in water. Likewise, estimate the amount of product that has entered the water, using the definition of water in the FWPCA.
- (4) Spilled/Recovered. Estimate the amount spilled and recovered. Use the tables in the Marine Safety Manual for estimating the amount of oil by the slick size and color. Report the amount of product recovered, not total product/water/soil mix. Use the best information available at the time. Note that the total amounts entered in Spilled/Recovered/Out of Water/In Water cannot exceed the Total Potential entered.
- (5) Units. Enter the appropriate unit of measure for the preceding numbers. Measures are gallons, barrels (42 U.S. gallons), pounds, and Short Tons (2,000 lbs).

5. MPRC Marine Pollution Coast Guard Response Report. This report deals with the Coast Guard response to the discharge or potential discharge. This includes transport and specific support to the spill response, as well as administrative time spent at the unit as a direct result of the spill, such as filing the MP report or completing the CG 3639 Violation Report. MPRC applies whether the spill was cleaned up by the responsible party or by using the appropriate Federal fund. It does not and is not intended to address Coast Guard overhead resources used at a unit to perform MER Program functions that are not directly related to the incident being reported. However, the resources that are detailed on the MPRC should also be reflected in the unit's Quarterly Activities Report.

While for most spills the local MSO/COTP is the only unit involved, the form is designed to allow input on any Coast Guard resources, from any Coast Guard unit, that are used in response to a spill. This element is particularly important when the MSO/COTP is not the first unit on scene, and that function is assumed by a local Coast Guard unit until arrival of the MSO/COTP personnel. With the significant reductions in MSO/COTP billets over the past several years, it is essential to know, for programmatic, training, and medical monitoring purposes, who is doing the MER functions at spill sites.

Finally, this section is designed to enable the OSC to easily calculate the costs of Coast Guard resources used when Federal funds are used for the case. These costs then become a component of the "Total Costs" on MPIR, and represent the total amount that the Federal Government will seek to recover from the responsible party.

- a. OPFAC: This is the OPFAC of the unit whose resources were used. A separate MPRC is filled out for each Coast Guard unit that had resources at the scene of the spill/incident.
- b. NOTIFIED: This is the time that the unit was called and requested to send the resources to the scene of the spill. It is not the time that the spill occurred, or the time that the spill was initially reported to the Coast Guard. Its purpose is to document when the OSC needed and called for this Coast Guard unit's resources to assist in this response.
- c. RESPONDING RESOURCE: Use the appropriate codes to identify what resources were used. Each resource should have a separate line
- d. MISSION PERFORMANCE FACTORS: The mission performance factors are to identify the adequacy, (or inadequacy) of the available resource to the spill at hand. Many of the CG resources available for spill response were not placed in the field for that specific purpose. Personnel at a station are not expected to be chemical spill experts, for example, yet situations have occurred where they were the closest CG personnel to a spill and thus responded and stayed on scene until MSO/COTP personnel could arrive and relieve them. A secondary use of this section is to identify instances where the resource was appropriate but did not perform up to expectations. While no

5. d. (cont) equipment or platform is adequate to all situations, it is important that the Program Manager be advised if there are problems. This section is in no way intended to replace the historical methods used to communicate equipment shortcomings up the chain of command.

(1) Resource. Adequate response was hindered due to the indicated shortcomings of the available resource. This may be either due to CASREPS or lack of capability.

(2) Logistics. The response was hindered by inadequate fuel or other shortage, or the resulting cleanup was incomplete due to the logistical problems encountered by the OSC.

(3). Personnel. The purpose of this field is to detail, when necessary, limitations faced by the OSC in responding to the incident. Entries provide a guide to the Program Manager for future drills, exercises, protective equipment, additional personnel, etc. for the indicated resource. This field is not intended to put the responding unit "on report" and should not be entered to achieve that end. Details of the inadequacies should be provided in the OSC report completed after the incident is over.

(4) Environmental. Identify what factors (if any) hindered the use of the resource or otherwise impeded effective response.

e. DURATIONS: This is the total hours that the resource was used in responding to the spill or incident. It is not to be a measure of underway time only, and it should include transit time from the unit to the spill site. The assumption for this section is that when a resource is deployed to a spill site, it is unavailable for other missions. To the extent that this assumption is inaccurate, for example a small boat diverted to a SAR case and then returning to the spill site, then the hours reported should reflect that fact. In reporting personnel hours, boats, cutters, aircraft, and vehicles are assumed to be manned and costs of such crews are included in the overall cost used in Commandant Instruction 7310.1 series, Standard Rates. Below is the standard crew that is included in each resource. Personnel on board in excess of the authorized crew should be entered as additional personnel.

Boat Type	Crew; Size
LB	4
UTB	3
UTM,	3
PWR	2
UTL/SKB	2
SRB	2
TICWAN/TANB	2
ANB 55FT	4
Any Other Small Boat	2
Motor Vehicles	1

5. e. (cont) Personnel performing administrative functions at the spill site should be included, but hours for personnel remaining at the home unit, and available for other duties, should be included only to the extent that they perform functions directly involved with the pollution response. Round all times up to nearest hour.

- (1) ADM. Administrative Support Time. Time spent performing administrative tasks associated with this incident, including filing this report.
- (2) REM. Removal. Time spent in actual removal operations, where CG resources are actually involved in removing the product from the land or water, or preventing a spill or limiting the extent of an existing spill. Time spent in this category constitutes direct contact with the polluting substance.
- (3) IHV. Investigative. Time spent identifying the responsible party, or conducting sampling and other evidence collection procedures to allow later penalty action.
- (4) SPV. Supervising Response Operations. Time spent overseeing a contractor when using Federal Funds to perform a response. This field should only be entered when a Federal Project has been declared. It is not intended to show the relationships between different CG personnel at a response site.
- (5) MON. Monitoring Response Operations. Time spent overseeing the actions of a responsible party conducting response or cleanup operations. For the great majority of responses, this will be the appropriate entry to reflect the use of CG resources. Note that this field should not be used if a Federal Project has been declared, unless the responsible party has assumed the response and the Federal Fund has been closed.



6. MPRN Marine Pollution Non-Coast Guard Response Report. This report summarizes the response to the spill by non-CG forces at the spill site. MPRN applies whether the spill was cleaned up by the responsible party or by using the appropriate Federal fund. Note once again, however, the distinction between Supervise (Federal Funded Response) and Monitor (Responsible Party Response). When either state or local agencies use local public funds to respond and clean up a spill, designate it as Supervise and make note in the MPIR that local funds paid for the response.
  - a. CLASS. Classification. What type of resources were used. Indicate (E) EP, (S) State Government, (L) Local Government, (P) Private Contractor, (O) Other.
  - b. NOTIFIED: This is the date and time that the indicated body was called and requested to send the resources to the scene of the spill. It is not the time that the spill occurred, or the time that the spill was initially reported to the Coast Guard. Its purpose is to document needed and called for these resources to assist in this response.
  - c. ROLE IN RESPONSE: Indicate all the different activities done by the resource. Indicate involvement by "X" in the applicable blank. A resource could conceivably be involved in all these roles, but more likely performed only one or two. Clean-up contractors, for example, might provide clerical/admin assistance to the OSCs, as well as performing containment/removal operations. However, contractors would not investigate the incident, since that action must be done by Federal or State personnel with law enforcement authority.